

SCORE OVER LENGTH SEARCHES

Attached is a score over length search. This search was developed to overcome limitations in most standard search systems which favor large sequences with high scoring, but lesser overall identity over smaller sequences with higher overall identity. This search is especially useful for relatively small nucleic acid or polypeptide target sequences (antisense, fragments, probes, primers, RNAi, epitopes, haptens, etc.) claimed functionally via a form of hybridization and/or identity language and having defined upper and lower polynucleotide and or polypeptide length limits.

The score over length search is performed by first running the query sequence using examiner-specified identity and polynucleotide or protein length limit parameters, and saving 65,000 hits and 0 alignments from each desired database. The resulting output is reformatted using a Microsoft Word macro and is imported into Excel. The summary table data are then sorted by the ratio of score of each hit sequence divided by its length and the accession numbers for all hits below the examiner's desired score over length parameters are deleted. The remaining accession numbers are used to pull the corresponding sequences from the databases into subdatabases enriched for good hits and the query sequence is re-run against these subdatabases to yield the final results.

The score over length cutoff for this search is 707₂

Examiner Please Note: This cover sheet should be included when submitting results to be scanned.

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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: November 2, 2004, 10:15:27 ; Search time 86 Seconds
(without alignments)
3.667 Million cell updates/sec

Title: US-10-633-913-3

Perfect score: 5444

Sequence: 1 gcccccggggccggagaggt.....aggataagaagttacttac 5444

Scoring table: IDENTITY_NTC
Gapop 10.0 , Gapext 0.5

Searched: 1426 segs, 28964 residues

Total number of hits satisfying chosen parameters: 2852

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 1456 summaries

Database : rge3.seq*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	39	0.7	39	1	AX530368
2	30	0.6	30	1	AX530370
3	23.4	0.4	33	1	BD011883
4	23.2	0.4	29	1	BD04206
5	22	0.4	30	1	AX089776
6	22	0.4	31	1	AX089775
7	21.6	0.4	28	1	AX961679
8	21.2	0.4	30	1	E04205
9	21	0.4	21	1	AX089777
10	21	0.4	21	1	AX530372
11	21	0.4	21	1	AX530374
12	21	0.4	30	1	A43784
13	21	0.4	30	1	A62991
14	21	0.4	30	1	A62995
15	21	0.4	30	1	AR179066
16	21	0.4	30	1	AR179070
17	21	0.4	30	1	BD181358
18	21	0.4	30	1	BD181359
19	21	0.4	30	1	E04638
20	21	0.4	30	1	E04638
21	21	0.4	30	1	AX089778
22	21	0.4	30	1	AX104902
23	21	0.4	30	1	AX104903
24	21	0.4	30	1	AX474673
25	21	0.4	30	1	AX474674
26	21	0.4	30	1	AX521609
27	21	0.4	30	1	BD105776
28	21	0.4	30	1	BD132851
29	20.8	0.4	24	1	AX455497
30	20.6	0.4	27	1	AR241865
31	20.2	0.4	25	1	AX116188
32	20	0.4	28	1	HSPCR50R
33	19.8	0.4	28	1	AX184200

34	19.6	0.4	28	1	AX427136	ACCESSION:AX427136
35	19.4	0.4	21	1	AX083691	ACCESSION:AX083691
36	19.4	0.4	21	1	AX083696	ACCESSION:AX083696
37	19.4	0.4	22	1	AX083692	ACCESSION:AX083692
38	19.2	0.4	25	1	BD056964	ACCESSION:BD056964
39	19.2	0.4	26	1	AS1713	ACCESSION:AS1713
40	19.2	0.4	26	1	AR167592	ACCESSION:AR167592
41	19.2	0.4	26	1	AR174581	ACCESSION:AR174581
42	19.2	0.4	26	1	AR178302	ACCESSION:AR178302
43	19.2	0.4	26	1	BD248974	ACCESSION:BD248974
44	19.2	0.4	26	1	I79494	ACCESSION:I79494
45	19.2	0.4	26	1	AR263648	ACCESSION:AR263648
46	19.2	0.4	26	1	AR374073	ACCESSION:AR374073
47	19.2	0.4	26	1	AR456223	ACCESSION:AR456223
48	19.2	0.4	26	1	AX106717	ACCESSION:AX106717
49	19.2	0.4	26	1	AX323384	ACCESSION:AX323384
50	19.2	0.4	26	1	AX686854	ACCESSION:AX686854
51	19.2	0.4	27	1	S6486263	ACCESSION:S64864
52	19.2	0.3	27	1	AR090983	ACCESSION:AR090983
53	19	0.3	27	1	E04985	ACCESSION:E04985
54	19	0.3	27	1	AR198018	ACCESSION:AR198018
55	19	0.3	27	1	AR260172	ACCESSION:AR260172
56	19	0.3	27	1	AX104719	ACCESSION:AX104719
57	19	0.3	27	1	AX355814	ACCESSION:AX355814
58	19	0.3	27	1	AX547772	ACCESSION:AX547772
59	18.8	0.3	22	1	AR409904	ACCESSION:AR409904
60	18.8	0.3	22	1	AR409906	ACCESSION:AR409906
61	18.8	0.3	25	1	BD234336	ACCESSION:BD234336
62	18.8	0.3	26	1	AR098647	ACCESSION:AR098647
63	18.8	0.3	26	1	AR204721	ACCESSION:AR204721
64	18.6	0.3	25	1	BD244864	ACCESSION:BD244864
65	18.6	0.3	25	1	C0628551	ACCESSION:C0628551
66	18.6	0.3	25	1	AR434730	ACCESSION:AR434730
67	18.6	0.3	25	1	AR469614	ACCESSION:AR469614
68	18.6	0.3	25	1	AX500811	ACCESSION:AX500811
69	18.4	0.3	24	1	AX391871	ACCESSION:AX391871
70	18.4	0.3	26	1	BD27566	ACCESSION:BD27566
71	18.4	0.3	26	1	AR257336	ACCESSION:AR257336
72	18.4	0.3	26	1	AR263647	ACCESSION:AR263647
73	18.4	0.3	26	1	AX814950	ACCESSION:AX814950
74	18.4	0.3	26	1	BD062456	ACCESSION:BD062456
75	18.2	0.3	23	1	AR123791	ACCESSION:AR123791
76	18.2	0.3	23	1	BD244857	ACCESSION:BD244857
77	18.2	0.3	24	1	AR010037	ACCESSION:AR010037
78	18.2	0.3	24	1	AR034772	ACCESSION:AR034772
79	18.2	0.3	24	1	AR068465	ACCESSION:AR068465
80	18.2	0.3	24	1	AR105984	ACCESSION:AR105984
81	18.2	0.3	24	1	AR107972	ACCESSION:AR107972
82	18.2	0.3	24	1	BD234330	ACCESSION:BD234330
83	18.2	0.3	24	1	C0482966	ACCESSION:C0482966
84	18.2	0.3	24	1	I24762	ACCESSION:I24762
85	18.2	0.3	24	1	AR184443	ACCESSION:AR184443
86	18.2	0.3	24	1	AR202876	ACCESSION:AR202876
87	18.2	0.3	24	1	AR213697	ACCESSION:AR213697
88	18.2	0.3	24	1	AR232949	ACCESSION:AR232949
89	18.2	0.3	24	1	AR241846	ACCESSION:AR241846
90	18.2	0.3	24	1	AR261539	ACCESSION:AR261539
91	18.2	0.3	24	1	AR340571	ACCESSION:AR340571
92	18.2	0.3	24	1	AR345020	ACCESSION:AR345020
93	18.2	0.3	24	1	AR364668	ACCESSION:AR364668
94	18.2	0.3	24	1	AR431310	ACCESSION:AR431310
95	18.2	0.3	24	1	AX104241	ACCESSION:AX104241
96	18.2	0.3	24	1	AX104769	ACCESSION:AX104769
97	18.2	0.3	24	1	AX104770	ACCESSION:AX104770
98	18.2	0.3	24	1	AX354553	ACCESSION:AX354553
99	18.2	0.3	24	1	AX355813	ACCESSION:AX355813
100	18.2	0.3	24	1	AX427163	ACCESSION:AX427163
101	18.2	0.3	24	1	AX428574	ACCESSION:AX428574
102	18.2	0.3	24	1	AX547294	ACCESSION:AX547294
103	18.2	0.3	24	1	AX547822	ACCESSION:AX547822
104	18.2	0.3	24	1	AX547823	ACCESSION:AX547823
105	18.2	0.3	24	1	AX684290	ACCESSION:AX684290
106	18.2	0.3	24	1	AX750585	ACCESSION:AX750585

C 107	18.2	0.3	24	1	AX829247	ACCESSION:AX829247	180	17.6	0.3	25	1	AR469272	ACCESSION:AR469272
C 108	18.2	0.3	24	1	AX961624	ACCESSION:AX961624	181	17.6	0.3	25	1	AR469273	ACCESSION:AR469273
C 109	18.2	0.3	24	1	AX961629	ACCESSION:AX961629	182	17.6	0.3	25	1	AR469613	ACCESSION:AR469613
C 110	18.2	0.3	24	1	BD136714	ACCESSION:BD136714	183	17.6	0.3	25	1	AR469615	ACCESSION:AR469615
C 111	18.2	0.3	25	1	AR105982	ACCESSION:AR105982	C 184	17.6	0.3	25	1	AX043526	ACCESSION:AX043526
C 112	18.2	0.3	25	1	BD187513	ACCESSION:BD187513	C 185	17.6	0.3	25	1	AX138773	ACCESSION:AX138773
C 113	18.2	0.3	25	1	BD187514	ACCESSION:BD187514	C 186	17.6	0.3	25	1	AX500810	ACCESSION:AX500810
C 114	18.2	0.3	25	1	BD204988	ACCESSION:BD204988	C 187	17.6	0.3	25	1	AX690255	ACCESSION:AX690255
C 115	18.2	0.3	25	1	158009	ACCESSION:158009	C 188	17.6	0.3	25	1	AX690256	ACCESSION:AX690256
C 116	18.2	0.3	25	1	196072	ACCESSION:196072	C 189	17.6	0.3	25	1	AX923238	ACCESSION:AX923238
C 117	18.2	0.3	25	1	AR288252	ACCESSION:AR288252	C 190	17.4	0.3	19	1	AR294112	ACCESSION:AR294112
C 118	18.2	0.3	25	1	AX500812	ACCESSION:AX500812	C 191	17.4	0.3	20	1	AR069073	ACCESSION:AR069073
C 119	18.2	0.3	25	1	AX500813	ACCESSION:AX500813	C 192	17.4	0.3	20	1	AR084583	ACCESSION:AR084583
C 120	18.2	0.3	26	1	A63569	ACCESSION:A63569	C 193	17.4	0.3	20	1	AR084604	ACCESSION:AR084604
C 121	18.2	0.3	26	1	AR137712	ACCESSION:AR137712	C 194	17.4	0.3	20	1	116926	ACCESSION:116926
C 122	18.2	0.3	26	1	AR174582	ACCESSION:AR174582	C 195	17.4	0.3	20	1	AR225072	ACCESSION:AR225072
C 123	18.2	0.3	26	1	BD192375	ACCESSION:BD192375	C 196	17.4	0.3	20	1	AX298806	ACCESSION:AX298806
C 124	18.2	0.3	26	1	BD248975	ACCESSION:BD248975	C 197	17.4	0.3	20	1	AX298828	ACCESSION:AX298828
C 125	18.2	0.3	26	1	CQ828164	ACCESSION:CQ828164	C 198	17.4	0.3	21	1	A64736	ACCESSION:A64736
C 126	18.2	0.3	26	1	179495	ACCESSION:179495	C 199	17.4	0.3	21	1	A64739	ACCESSION:A64739
C 127	18.2	0.3	26	1	AR279358	ACCESSION:AR279358	C 200	17.4	0.3	22	1	AX298724	ACCESSION:AX298724
C 128	18.2	0.3	26	1	AR374074	ACCESSION:AR374074	C 201	17.4	0.3	23	1	AS0109	ACCESSION:AS0109
C 129	18.2	0.3	26	1	AR404597	ACCESSION:AR404597	C 202	17.2	0.3	23	1	AR152585	ACCESSION:AR152585
C 130	18.2	0.3	26	1	AR456224	ACCESSION:AR456224	C 203	17.2	0.3	22	1	AR164336	ACCESSION:AR164336
C 131	18.2	0.3	26	1	AR456224	ACCESSION:AR456224	C 204	17.2	0.3	22	1	131828	ACCESSION:131828
C 132	18.2	0.3	26	1	AX427154	ACCESSION:AX427154	C 205	17.2	0.3	22	1	169425	ACCESSION:169425
C 133	18.2	0.3	26	1	AX528804	ACCESSION:AX528804	C 206	17.2	0.3	23	1	A45285	ACCESSION:A45285
C 134	18.2	0.3	26	1	BD007174	ACCESSION:BD007174	C 207	17.2	0.3	23	1	AR116265	ACCESSION:AR116265
C 135	18	0.3	18	1	AX530369	ACCESSION:AX530369	C 208	17.2	0.3	23	1	AX058583	ACCESSION:AX058583
C 136	18	0.3	18	1	AX530371	ACCESSION:AX530371	C 209	17.2	0.3	23	1	AX767321	ACCESSION:AX767321
C 137	17.8	0.3	21	1	A64735	ACCESSION:A64735	C 210	17.2	0.3	23	1	AX27891	ACCESSION:AX27891
C 138	17.8	0.3	21	1	A64738	ACCESSION:A64738	C 211	17.2	0.3	24	1	AX446262	ACCESSION:AX446262
C 139	17.8	0.3	21	1	AR361156	ACCESSION:AR361156	C 212	17.2	0.3	24	1	AX817782	ACCESSION:AX817782
C 140	17.8	0.3	22	1	AX104716	ACCESSION:AX104716	C 213	17.2	0.3	24	1	AX838369	ACCESSION:AX838369
C 141	17.8	0.3	22	1	AX547769	ACCESSION:AX547769	C 214	17.2	0.3	24	1	AX961630	ACCESSION:AX961630
C 142	17.8	0.3	24	1	AR026545	ACCESSION:AR026545	C 215	17.2	0.3	24	1	BD091564	ACCESSION:BD091564
C 143	17.8	0.3	24	1	AR026546	ACCESSION:AR026546	C 216	17.2	0.3	24	1	BD094760	ACCESSION:BD094760
C 144	17.8	0.3	24	1	AR026547	ACCESSION:AR026547	C 217	17.2	0.3	24	1	BD096302	ACCESSION:BD096302
C 145	17.8	0.3	24	1	AR026548	ACCESSION:AR026548	C 218	17	0.3	17	1	BD257668	ACCESSION:BD257668
C 146	17.8	0.3	24	1	AR128993	ACCESSION:AR128993	C 219	17	0.3	17	1	AX738070	ACCESSION:AX738070
C 147	17.8	0.3	24	1	AR128994	ACCESSION:AR128994	C 220	17	0.3	20	1	BD083992	ACCESSION:BD083992
C 148	17.8	0.3	24	1	AR128995	ACCESSION:AR128995	C 221	16.8	0.3	20	1	AR162405	ACCESSION:AR162405
C 149	17.8	0.3	24	1	AR128996	ACCESSION:AR128996	C 222	16.8	0.3	20	1	BD177127	ACCESSION:BD177127
C 150	17.8	0.3	24	1	AR202467	ACCESSION:AR202467	C 223	16.8	0.3	20	1	AR305124	ACCESSION:AR305124
C 151	17.8	0.3	24	1	AR202468	ACCESSION:AR202468	C 224	16.8	0.3	20	1	AR309228	ACCESSION:AR309228
C 152	17.8	0.3	24	1	AR202469	ACCESSION:AR202469	C 225	16.8	0.3	20	1	AR442550	ACCESSION:AR442550
C 153	17.8	0.3	24	1	AR202470	ACCESSION:AR202470	C 226	16.8	0.3	20	1	AX527818	ACCESSION:AX527818
C 154	17.8	0.3	24	1	AR202471	ACCESSION:AR202471	C 227	16.8	0.3	20	1	BD106035	ACCESSION:BD106035
C 155	17.8	0.3	24	1	AR202472	ACCESSION:AR202472	C 228	16.8	0.3	21	1	E36783	ACCESSION:E36783
C 156	17.6	0.3	24	1	AR168752	ACCESSION:AR168752	C 229	16.8	0.3	21	1	165307	ACCESSION:165307
C 157	17.6	0.3	24	1	AR205489	ACCESSION:AR205489	C 230	16.8	0.3	21	1	BD088657	ACCESSION:BD088657
C 158	17.6	0.3	24	1	AR319404	ACCESSION:AR319404	C 231	16.8	0.3	21	1	AB069296	ACCESSION:AB069296
C 159	17.6	0.3	24	1	AR431307	ACCESSION:AR431307	C 232	16.8	0.3	23	1	AR145806	ACCESSION:AR145806
C 160	17.6	0.3	24	1	AR431308	ACCESSION:AR431308	C 233	16.8	0.3	23	1	BD244863	ACCESSION:BD244863
C 161	17.6	0.3	24	1	AX076505	ACCESSION:AX076505	C 234	16.8	0.3	23	1	BD244865	ACCESSION:BD244865
C 162	17.6	0.3	24	1	AX361125	ACCESSION:AX361125	C 235	16.8	0.3	24	1	BD274420	ACCESSION:BD274420
C 163	17.6	0.3	24	1	AX952222	ACCESSION:AX952222	C 236	16.8	0.3	18	1	AX044437	ACCESSION:AX044437
C 164	17.6	0.3	24	1	AX961625	ACCESSION:AX961625	C 237	16.4	0.3	24	1	AR178167	ACCESSION:AR178167
C 165	17.6	0.3	24	1	AX961626	ACCESSION:AX961626	C 238	16.4	0.3	18	1	AR178168	ACCESSION:AR178168
C 166	17.6	0.3	24	1	AX961627	ACCESSION:AX961627	C 239	16.4	0.3	19	1	A65742	ACCESSION:A65742
C 167	17.6	0.3	24	1	BD144742	ACCESSION:BD144742	C 240	16.4	0.3	19	1	E54448	ACCESSION:E54448
C 168	17.6	0.3	25	1	AR137989	ACCESSION:AR137989	C 241	16.4	0.3	20	1	BD228445	ACCESSION:BD228445
C 169	17.6	0.3	25	1	CQ620091	ACCESSION:CQ620091	C 242	16.4	0.3	20	1	112665	ACCESSION:112665
C 170	17.6	0.3	25	1	CQ620092	ACCESSION:CQ620092	C 243	16.4	0.3	20	1	AR208766	ACCESSION:AR208766
C 171	17.6	0.3	25	1	CQ628209	ACCESSION:CQ628209	C 244	16.4	0.3	20	1	AR314310	ACCESSION:AR314310
C 172	17.6	0.3	25	1	CQ628210	ACCESSION:CQ628210	C 245	16.4	0.3	20	1	AR359670	ACCESSION:AR359670
C 173	17.6	0.3	25	1	CQ628550	ACCESSION:CQ628550	C 246	16.4	0.3	20	1	BD12433	ACCESSION:BD12433
C 174	17.6	0.3	25	1	CQ628552	ACCESSION:CQ628552	C 247	16.4	0.3	21	1	AX096891	ACCESSION:AX096891
C 175	17.6	0.3	25	1	129929	ACCESSION:129929	C 248	16.4	0.3	22	1	AX601193	ACCESSION:AX601193
C 176	17.6	0.3	25	1	AR434729	ACCESSION:AR434729	C 249	16.2	0.3	21	1	AR030359	ACCESSION:AR030359
C 177	17.6	0.3	25	1	AR434731	ACCESSION:AR434731	C 250	16.2	0.3	21	1	AR050998	ACCESSION:AR050998
C 178	17.6	0.3	25	1	AR461154	ACCESSION:AR461154	C 251	16.2	0.3	21	1	AR080294	ACCESSION:AR080294
C 179	17.6	0.3	25	1	AR461155	ACCESSION:AR461155	C 252	16.2	0.3	21	1	AR084521	ACCESSION:AR084521

C 253	16.2	0.3	21	1	AR084524	ACCESSION:AR084524	326	15.8	0.3	21	1	AR053160	ACCESSION:AR053160
C 254	16.2	0.3	21	1	AR093143	ACCESSION:AR093143	C 327	15.8	0.3	21	1	AR084539	ACCESSION:AR084539
C 255	16.2	0.3	21	1	AR095412	ACCESSION:AR095412	C 328	15.8	0.3	21	1	AR084551	ACCESSION:AR084551
C 256	16.2	0.3	21	1	AR153849	ACCESSION:AR153849	C 329	15.8	0.3	21	1	AR084571	ACCESSION:AR084571
C 257	16.2	0.3	21	1	BD224108	ACCESSION:BD224108	C 330	15.8	0.3	21	1	AR084577	ACCESSION:AR084577
C 258	16.2	0.3	21	1	136166	ACCESSION:136166	C 331	15.8	0.3	21	1	AR084580	ACCESSION:AR084580
C 259	16.2	0.3	21	1	165744	ACCESSION:165744	C 332	15.8	0.3	21	1	AR084598	ACCESSION:AR084598
C 260	16.2	0.3	21	1	AR228207	ACCESSION:AR228207	C 333	15.8	0.3	21	1	BD244490	ACCESSION:BD244490
C 261	16.2	0.3	21	1	AR241831	ACCESSION:AR241831	C 334	15.8	0.3	21	1	C0786139	ACCESSION:C0786139
C 262	16.2	0.3	21	1	AR298620	ACCESSION:AR298620	C 335	15.8	0.3	21	1	AR216894	ACCESSION:AR216894
C 263	16.2	0.3	21	1	AR307358	ACCESSION:AR307358	C 336	15.8	0.3	21	1	AR454921	ACCESSION:AR454921
C 264	16.2	0.3	21	1	AR322245	ACCESSION:AR322245	C 337	15.8	0.3	21	1	AX096033	ACCESSION:AX096033
C 265	16.2	0.3	21	1	AR452591	ACCESSION:AR452591	C 338	15.8	0.3	21	1	AX096543	ACCESSION:AX096543
C 266	16.2	0.3	21	1	AX104720	ACCESSION:AX104720	C 339	15.8	0.3	21	1	AX104588	ACCESSION:AX104588
C 267	16.2	0.3	21	1	AX108449	ACCESSION:AX108449	C 340	15.8	0.3	21	1	AX355212	ACCESSION:AX355212
C 268	16.2	0.3	21	1	AX108450	ACCESSION:AX108450	C 341	15.8	0.3	21	1	AX547641	ACCESSION:AX547641
C 269	16.2	0.3	21	1	AX355812	ACCESSION:AX355812	C 342	15.8	0.3	21	1	BD086363	ACCESSION:BD086363
C 270	16.2	0.3	21	1	AX384817	ACCESSION:AX384817	C 343	15.8	0.3	21	1	BD171392	ACCESSION:BD171392
C 271	16.2	0.3	21	1	AX547773	ACCESSION:AX547773	C 344	15.8	0.3	21	1	BD173626	ACCESSION:BD173626
C 272	16.2	0.3	21	1	AX825106	ACCESSION:AX825106	C 345	15.8	0.3	22	1	BD225845	ACCESSION:BD225845
C 273	16.2	0.3	21	1	AX825131	ACCESSION:AX825131	C 346	15.8	0.3	22	1	C0796632	ACCESSION:C0796632
C 274	16.2	0.3	21	1	AX825151	ACCESSION:AX825151	C 347	15.8	0.3	22	1	C0796632	ACCESSION:C0796632
C 275	16.2	0.3	21	1	AX825158	ACCESSION:AX825158	C 348	15.8	0.3	22	1	AX019594	ACCESSION:AX019594
C 276	16.2	0.3	21	1	AX825163	ACCESSION:AX825163	C 349	15.8	0.3	22	1	AX119631	ACCESSION:AX119631
C 277	16.2	0.3	21	1	AX825166	ACCESSION:AX825166	C 350	15.8	0.3	22	1	AX457060	ACCESSION:AX457060
C 278	16.2	0.3	21	1	BD070802	ACCESSION:BD070802	C 351	15.8	0.3	22	1	BD090082	ACCESSION:BD090082
C 279	16.2	0.3	21	1	BD080504	ACCESSION:BD080504	C 352	15.8	0.3	22	1	BD143963	ACCESSION:BD143963
C 280	16.2	0.3	21	1	BD080832	ACCESSION:BD080832	C 353	15.8	0.3	22	1	AB068797	ACCESSION:AB068797
C 281	16.2	0.3	21	1	BD087491	ACCESSION:BD087491	C 354	15.6	0.3	22	1	AB09098	ACCESSION:AB09098
C 282	16.2	0.3	22	1	136998	ACCESSION:136998	C 355	15.6	0.3	22	1	A935377	ACCESSION:A935377
C 283	16.2	0.3	22	1	193848	ACCESSION:193848	C 356	15.6	0.3	22	1	AR072362	ACCESSION:AR072362
C 284	16.2	0.3	22	1	AR198497	ACCESSION:AR198497	C 357	15.6	0.3	22	1	AR150675	ACCESSION:AR150675
C 285	16.2	0.3	22	1	AX915844	ACCESSION:AX915844	C 358	15.6	0.3	22	1	BD184666	ACCESSION:BD184666
C 286	16.2	0.3	22	1	AX926723	ACCESSION:AX926723	C 359	15.6	0.3	22	1	BD211103	ACCESSION:BD211103
C 287	16.2	0.3	23	1	C0788046	ACCESSION:C0788046	C 360	15.6	0.3	22	1	E16224	ACCESSION:E16224
C 288	16.2	0.3	23	1	AR256325	ACCESSION:AR256325	C 361	15.6	0.3	22	1	E27236	ACCESSION:E27236
C 289	16.2	0.3	23	1	AX003445	ACCESSION:AX003445	C 362	15.6	0.3	22	1	E28308	ACCESSION:E28308
C 290	16.2	0.3	23	1	BD078732	ACCESSION:BD078732	C 363	15.6	0.3	22	1	126473	ACCESSION:126473
C 291	16.2	0.3	23	1	BD087061	ACCESSION:BD087061	C 364	15.6	0.3	22	1	146450	ACCESSION:146450
C 292	16.2	0.3	16	1	A35651	ACCESSION:A35651	C 365	15.6	0.3	22	1	AR216883	ACCESSION:AR216883
C 293	16.2	0.3	16	1	A35684	ACCESSION:A35684	C 366	15.6	0.3	22	1	AX077117	ACCESSION:AX077117
C 294	16.2	0.3	17	1	BD257667	ACCESSION:BD257667	C 367	15.6	0.3	22	1	AX103869	ACCESSION:AX103869
C 295	16.2	0.3	17	1	BD257669	ACCESSION:BD257669	C 368	15.6	0.3	22	1	AX163844	ACCESSION:AX163844
C 296	16.2	0.3	18	1	AX599476	ACCESSION:AX599476	C 369	15.6	0.3	22	1	AX462792	ACCESSION:AX462792
C 297	16.2	0.3	21	1	AX094905	ACCESSION:AX094905	C 370	15.6	0.3	22	1	AX546922	ACCESSION:AX546922
C 298	16.2	0.3	21	1	AX153965	ACCESSION:AX153965	C 371	15.6	0.3	22	1	AX742813	ACCESSION:AX742813
C 299	15.8	0.3	19	1	AR074778	ACCESSION:AR074778	C 372	15.6	0.3	22	1	BD086352	ACCESSION:BD086352
C 300	15.8	0.3	19	1	E05744	ACCESSION:E05744	C 373	15.6	0.3	23	1	AX767321	ACCESSION:AX767321
C 301	15.8	0.3	20	1	AR088462	ACCESSION:AR088462	C 374	15.4	0.3	17	1	AR074706	ACCESSION:AR074706
C 302	15.8	0.3	20	1	AR095585	ACCESSION:AR095585	C 375	15.4	0.3	17	1	AR074707	ACCESSION:AR074707
C 303	15.8	0.3	20	1	AR117573	ACCESSION:AR117573	C 376	15.4	0.3	17	1	AR074708	ACCESSION:AR074708
C 304	15.8	0.3	20	1	AR117754	ACCESSION:AR117754	C 377	15.4	0.3	17	1	AR074709	ACCESSION:AR074709
C 305	15.8	0.3	20	1	BD176424	ACCESSION:BD176424	C 378	15.4	0.3	17	1	E12897	ACCESSION:E12897
C 306	15.8	0.3	20	1	BD224927	ACCESSION:BD224927	C 379	15.4	0.3	17	1	AR329529	ACCESSION:AR329529
C 307	15.8	0.3	20	1	BD244919	ACCESSION:BD244919	C 380	15.4	0.3	17	1	AX272939	ACCESSION:AX272939
C 308	15.8	0.3	20	1	BD250309	ACCESSION:BD250309	C 381	15.4	0.3	17	1	AX732163	ACCESSION:AX732163
C 309	15.8	0.3	20	1	C0764305	ACCESSION:C0764305	C 382	15.4	0.3	17	1	AX738728	ACCESSION:AX738728
C 310	15.8	0.3	20	1	C0764770	ACCESSION:C0764770	C 383	15.4	0.3	17	1	AX762380	ACCESSION:AX762380
C 311	15.8	0.3	20	1	E12423	ACCESSION:E12423	C 384	15.4	0.3	18	1	AR069211	ACCESSION:AR069211
C 312	15.8	0.3	20	1	AR211149	ACCESSION:AR211149	C 385	15.4	0.3	18	1	AR099315	ACCESSION:AR099315
C 313	15.8	0.3	20	1	AR228858	ACCESSION:AR228858	C 386	15.4	0.3	18	1	BD073578	ACCESSION:BD073578
C 314	15.8	0.3	20	1	AR366676	ACCESSION:AR366676	C 387	15.4	0.3	18	1	E04839	ACCESSION:E04839
C 315	15.8	0.3	20	1	AX053082	ACCESSION:AX053082	C 388	15.4	0.3	18	1	164429	ACCESSION:164429
C 316	15.8	0.3	20	1	AX053091	ACCESSION:AX053091	C 389	15.4	0.3	18	1	AR181576	ACCESSION:AR181576
C 317	15.8	0.3	20	1	AX293583	ACCESSION:AX293583	C 390	15.4	0.3	18	1	AR181616	ACCESSION:AR181616
C 318	15.8	0.3	20	1	AX294955	ACCESSION:AX294955	C 391	15.4	0.3	18	1	AR181667	ACCESSION:AR181667
C 319	15.8	0.3	20	1	AX495922	ACCESSION:AX495922	C 392	15.4	0.3	18	1	AR208065	ACCESSION:AR208065
C 320	15.8	0.3	20	1	AX546302	ACCESSION:AX546302	C 393	15.4	0.3	18	1	AR295480	ACCESSION:AR295480
C 321	15.8	0.3	20	1	AX546392	ACCESSION:AX546392	C 394	15.4	0.3	18	1	AR299766	ACCESSION:AR299766
C 322	15.8	0.3	20	1	AX594032	ACCESSION:AX594032	C 395	15.4	0.3	18	1	AX297704	ACCESSION:AX297704
C 323	15.8	0.3	20	1	AX753239	ACCESSION:AX753239	C 396	15.4	0.3	18	1	AX297719	ACCESSION:AX297719
C 324	15.8	0.3	20	1	AX961677	ACCESSION:AX961677	C 397	15.4	0.3	18	1	AX530373	ACCESSION:AX530373
C 325	15.8	0.3	20	1	BD090346	ACCESSION:BD090346	C 398	15.4	0.3	18	1	BD078665	ACCESSION:BD078665

C 399	15.4	0.3	19	1	E12683	ACCESSION:E12683	C 472	15.2	0.3	20	1	CQ764249	ACCESSION:CQ764249
400	15.4	0.3	19	1	I26166	ACCESSION:I26166	473	15.2	0.3	20	1	CQ784128	ACCESSION:CQ784128
401	15.4	0.3	19	1	186409	ACCESSION:186409	474	15.2	0.3	20	1	CQ784129	ACCESSION:CQ784129
C 402	15.4	0.3	19	1	AR268328	ACCESSION:AR268328	475	15.2	0.3	20	1	CQ826892	ACCESSION:CQ826892
C 403	15.4	0.3	19	1	AR268329	ACCESSION:AR268329	476	15.2	0.3	20	1	E04579	ACCESSION:E04579
C 404	15.4	0.3	19	1	AX132670	ACCESSION:AX132670	C 477	15.2	0.3	20	1	E12676	ACCESSION:E12676
C 405	15.4	0.3	19	1	AX810947	ACCESSION:AX810947	C 478	15.2	0.3	20	1	E32534	ACCESSION:E32534
C 406	15.4	0.3	20	1	AR146267	ACCESSION:AR146267	C 479	15.2	0.3	20	1	I36180	ACCESSION:I36180
C 407	15.4	0.3	20	1	AR162488	ACCESSION:AR162488	C 480	15.2	0.3	20	1	AR211367	ACCESSION:AR211367
C 408	15.4	0.3	20	1	CQ771690	ACCESSION:CQ771690	C 481	15.2	0.3	20	1	AR212113	ACCESSION:AR212113
C 409	15.4	0.3	20	1	E38857	ACCESSION:E38857	C 482	15.2	0.3	20	1	AR212968	ACCESSION:AR212968
C 410	15.4	0.3	20	1	I31143	ACCESSION:I31143	C 483	15.2	0.3	20	1	AR213738	ACCESSION:AR213738
C 411	15.4	0.3	20	1	AR274857	ACCESSION:AR274857	C 484	15.2	0.3	20	1	AR216079	ACCESSION:AR216079
C 412	15.4	0.3	20	1	AR312087	ACCESSION:AR312087	C 485	15.2	0.3	20	1	AR222466	ACCESSION:AR222466
C 413	15.4	0.3	20	1	AR392141	ACCESSION:AR392141	C 486	15.2	0.3	20	1	AR236083	ACCESSION:AR236083
C 414	15.4	0.3	20	1	AR409519	ACCESSION:AR409519	C 487	15.2	0.3	20	1	AR274394	ACCESSION:AR274394
C 415	15.4	0.3	20	1	AX053083	ACCESSION:AX053083	C 488	15.2	0.3	20	1	AR313765	ACCESSION:AR313765
C 416	15.4	0.3	20	1	AX053092	ACCESSION:AX053092	C 489	15.2	0.3	20	1	AR314996	ACCESSION:AR314996
C 417	15.4	0.3	20	1	AX067205	ACCESSION:AX067205	C 490	15.2	0.3	20	1	AR343047	ACCESSION:AR343047
C 418	15.4	0.3	20	1	AX081478	ACCESSION:AX081478	C 491	15.2	0.3	20	1	AR344936	ACCESSION:AR344936
C 419	15.4	0.3	20	1	AX462762	ACCESSION:AX462762	C 492	15.2	0.3	20	1	AR365970	ACCESSION:AR365970
C 420	15.4	0.3	20	1	AX546303	ACCESSION:AX546303	C 493	15.2	0.3	20	1	AR382312	ACCESSION:AR382312
C 421	15.4	0.3	20	1	AX546393	ACCESSION:AX546393	C 494	15.2	0.3	20	1	AR397487	ACCESSION:AR397487
C 422	15.4	0.3	20	1	BD082203	ACCESSION:BD082203	C 495	15.2	0.3	20	1	AR429653	ACCESSION:AR429653
C 423	15.4	0.3	21	1	AR001399	ACCESSION:AR001399	C 496	15.2	0.3	20	1	AR442609	ACCESSION:AR442609
C 424	15.4	0.3	21	1	AR069988	ACCESSION:AR069988	C 497	15.2	0.3	20	1	AR447441	ACCESSION:AR447441
C 425	15.4	0.3	21	1	AR078379	ACCESSION:AR078379	C 498	15.2	0.3	20	1	AR451590	ACCESSION:AR451590
C 426	15.4	0.3	21	1	AR085230	ACCESSION:AR085230	C 499	15.2	0.3	20	1	AR454776	ACCESSION:AR454776
C 427	15.4	0.3	21	1	AR103532	ACCESSION:AR103532	C 500	15.2	0.3	20	1	AR489044	ACCESSION:AR489044
C 428	15.4	0.3	21	1	AR138150	ACCESSION:AR138150	C 501	15.2	0.3	20	1	AR492696	ACCESSION:AR492696
C 429	15.4	0.3	21	1	AR148280	ACCESSION:AR148280	C 502	15.2	0.3	20	1	AR492729	ACCESSION:AR492729
C 430	15.4	0.3	21	1	BD232905	ACCESSION:BD232905	C 503	15.2	0.3	20	1	AR494116	ACCESSION:AR494116
C 431	15.4	0.3	21	1	BD233405	ACCESSION:BD233405	C 504	15.2	0.3	20	1	AR494728	ACCESSION:AR494728
C 432	15.4	0.3	21	1	CQ786140	ACCESSION:CQ786140	C 505	15.2	0.3	20	1	AX004876	ACCESSION:AX004876
C 433	15.4	0.3	21	1	AR194277	ACCESSION:AR194277	C 506	15.2	0.3	20	1	AX026213	ACCESSION:AX026213
C 434	15.4	0.3	21	1	AR299824	ACCESSION:AR299824	C 507	15.2	0.3	20	1	AX045779	ACCESSION:AX045779
C 435	15.4	0.3	21	1	AR317440	ACCESSION:AR317440	C 508	15.2	0.3	20	1	AX045787	ACCESSION:AX045787
C 436	15.4	0.3	21	1	AR359811	ACCESSION:AR359811	C 509	15.2	0.3	20	1	AX045790	ACCESSION:AX045790
C 437	15.4	0.3	21	1	AX007459	ACCESSION:AX007459	C 510	15.2	0.3	20	1	AX104034	ACCESSION:AX104034
C 438	15.4	0.3	21	1	AX007959	ACCESSION:AX007959	C 511	15.2	0.3	20	1	AX104364	ACCESSION:AX104364
C 439	15.4	0.3	21	1	AX058646	ACCESSION:AX058646	C 512	15.2	0.3	20	1	AX104368	ACCESSION:AX104368
C 440	15.4	0.3	21	1	AX214491	ACCESSION:AX214491	C 513	15.2	0.3	20	1	AX104580	ACCESSION:AX104580
C 441	15.4	0.3	21	1	AX956632	ACCESSION:AX956632	C 514	15.2	0.3	20	1	AX115662	ACCESSION:AX115662
C 442	15.4	0.3	21	1	BD129762	ACCESSION:BD129762	C 515	15.2	0.3	20	1	AX135957	ACCESSION:AX135957
C 443	15.4	0.3	22	1	AR066407	ACCESSION:AR066407	C 516	15.2	0.3	20	1	AX136903	ACCESSION:AX136903
C 444	15.4	0.3	22	1	CQ796440	ACCESSION:CQ796440	C 517	15.2	0.3	20	1	AX167868	ACCESSION:AX167868
C 445	15.4	0.3	22	1	AX583623	ACCESSION:AX583623	C 518	15.2	0.3	20	1	AX196224	ACCESSION:AX196224
C 446	15.4	0.3	22	1	AX745979	ACCESSION:AX745979	C 519	15.2	0.3	20	1	AX196239	ACCESSION:AX196239
C 447	15.4	0.3	22	1	AX952119	ACCESSION:AX952119	C 520	15.2	0.3	20	1	AX296080	ACCESSION:AX296080
C 448	15.2	0.3	20	1	AB005884	ACCESSION:AB005884	C 521	15.2	0.3	20	1	AX354974	ACCESSION:AX354974
C 449	15.2	0.3	20	1	A73034	ACCESSION:A73034	C 522	15.2	0.3	20	1	AX355573	ACCESSION:AX355573
C 450	15.2	0.3	20	1	A73126	ACCESSION:A73126	C 523	15.2	0.3	20	1	AX355810	ACCESSION:AX355810
C 451	15.2	0.3	20	1	AR023992	ACCESSION:AR023992	C 524	15.2	0.3	20	1	AX355811	ACCESSION:AX355811
C 452	15.2	0.3	20	1	AR064875	ACCESSION:AR064875	C 525	15.2	0.3	20	1	AX440125	ACCESSION:AX440125
C 453	15.2	0.3	20	1	AR080000	ACCESSION:AR080000	C 526	15.2	0.3	20	1	AX440140	ACCESSION:AX440140
C 454	15.2	0.3	20	1	AR085559	ACCESSION:AR085559	C 527	15.2	0.3	20	1	AX465311	ACCESSION:AX465311
C 455	15.2	0.3	20	1	AR085926	ACCESSION:AR085926	C 528	15.2	0.3	20	1	AX465326	ACCESSION:AX465326
C 456	15.2	0.3	20	1	AR087520	ACCESSION:AR087520	C 529	15.2	0.3	20	1	AX487450	ACCESSION:AX487450
C 457	15.2	0.3	20	1	AR093312	ACCESSION:AR093312	C 530	15.2	0.3	20	1	AX512820	ACCESSION:AX512820
C 458	15.2	0.3	20	1	AR118958	ACCESSION:AR118958	C 531	15.2	0.3	20	1	AX512802	ACCESSION:AX512802
C 459	15.2	0.3	20	1	AR118970	ACCESSION:AR118970	C 532	15.2	0.3	20	1	AX547087	ACCESSION:AX547087
C 460	15.2	0.3	20	1	AR121692	ACCESSION:AR121692	C 533	15.2	0.3	20	1	AX547417	ACCESSION:AX547417
C 461	15.2	0.3	20	1	AR123335	ACCESSION:AR123335	C 534	15.2	0.3	20	1	AX547421	ACCESSION:AX547421
C 462	15.2	0.3	20	1	AR126930	ACCESSION:AR126930	C 535	15.2	0.3	20	1	AX547633	ACCESSION:AX547633
C 463	15.2	0.3	20	1	AR141070	ACCESSION:AR141070	C 536	15.2	0.3	20	1	AX556124	ACCESSION:AX556124
C 464	15.2	0.3	20	1	AR154115	ACCESSION:AR154115	C 537	15.2	0.3	20	1	AX556139	ACCESSION:AX556139
C 465	15.2	0.3	20	1	AR164658	ACCESSION:AR164658	C 538	15.2	0.3	20	1	AX557099	ACCESSION:AX557099
C 466	15.2	0.3	20	1	BD182662	ACCESSION:BD182662	C 539	15.2	0.3	20	1	AX613434	ACCESSION:AX613434
C 467	15.2	0.3	20	1	BD218101	ACCESSION:BD218101	C 540	15.2	0.3	20	1	AX664307	ACCESSION:AX664307
C 468	15.2	0.3	20	1	BD225270	ACCESSION:BD225270	C 541	15.2	0.3	20	1	AX664308	ACCESSION:AX664308
C 469	15.2	0.3	20	1	CQ761462	ACCESSION:CQ761462	C 542	15.2	0.3	20	1	AX741040	ACCESSION:AX741040
C 470	15.2	0.3	20	1	CQ762439	ACCESSION:CQ762439	C 543	15.2	0.3	20	1	AX741052	ACCESSION:AX741052
C 471	15.2	0.3	20	1	CQ763876	ACCESSION:CQ763876	C 544	15.2	0.3	20	1	AX812131	ACCESSION:AX812131

545	15.2	0.3	20	1	BD008523	ACCESSION:BD008523	C 618	15	0.3	21	1	AX146081	ACCESSION:AX146081
C 546	15.2	0.3	20	1	BD080522	ACCESSION:BD080522	C 619	14.8	0.3	18	1	AS7775	ACCESSION:AS7775
C 547	15.2	0.3	20	1	BD107450	ACCESSION:BD107450	C 620	14.8	0.3	18	1	AR040105	ACCESSION:AR040105
548	15.2	0.3	20	1	BD128052	ACCESSION:BD128052	C 621	14.8	0.3	18	1	AR043619	ACCESSION:AR043619
549	15.2	0.3	20	1	BD128053	ACCESSION:BD128053	C 622	14.8	0.3	18	1	AR047460	ACCESSION:AR047460
550	15.2	0.3	20	1	BD138642	ACCESSION:BD138642	C 623	14.8	0.3	18	1	AR048585	ACCESSION:AR048585
C 551	15.2	0.3	20	1	ATH529437	ACCESSION:ATH529437	624	14.8	0.3	18	1	AR062892	ACCESSION:AR062892
552	15.2	0.3	21	1	AR014600	ACCESSION:AR014600	625	14.8	0.3	18	1	AR076416	ACCESSION:AR076416
553	15.2	0.3	21	1	AR069093	ACCESSION:AR069093	626	14.8	0.3	18	1	AR084528	ACCESSION:AR084528
554	15.2	0.3	21	1	AR145615	ACCESSION:AR145615	C 627	14.8	0.3	18	1	AR097589	ACCESSION:AR097589
C 555	15.2	0.3	21	1	AR163473	ACCESSION:AR163473	C 628	14.8	0.3	18	1	AR098327	ACCESSION:AR098327
556	15.2	0.3	21	1	CQ798162	ACCESSION:CQ798162	629	14.8	0.3	18	1	AR128932	ACCESSION:AR128932
557	15.2	0.3	21	1	126729	ACCESSION:126729	C 630	14.8	0.3	18	1	BD250549	ACCESSION:BD250549
558	15.2	0.3	21	1	AR235402	ACCESSION:AR235402	C 631	14.8	0.3	18	1	BD250804	ACCESSION:BD250804
C 559	15.2	0.3	21	1	AR298357	ACCESSION:AR298357	C 632	14.8	0.3	18	1	136664	ACCESSION:136664
C 560	15.2	0.3	21	1	AR353834	ACCESSION:AR353834	C 633	14.8	0.3	18	1	154512	ACCESSION:154512
561	15.2	0.3	21	1	AX015664	ACCESSION:AX015664	C 634	14.8	0.3	18	1	AR231296	ACCESSION:AR231296
C 562	15.2	0.3	21	1	AX179338	ACCESSION:AX179338	635	14.8	0.3	18	1	AR268896	ACCESSION:AR268896
C 563	15.2	0.3	21	1	AX179339	ACCESSION:AX179339	636	14.8	0.3	18	1	AR293370	ACCESSION:AR293370
564	15.2	0.3	21	1	AX203621	ACCESSION:AX203621	C 637	14.8	0.3	18	1	AR294364	ACCESSION:AR294364
C 565	15.2	0.3	21	1	AX284109	ACCESSION:AX284109	638	14.8	0.3	18	1	AX078827	ACCESSION:AX078827
C 566	15.2	0.3	21	1	AX358619	ACCESSION:AX358619	639	14.8	0.3	18	1	AX078857	ACCESSION:AX078857
567	15.2	0.3	21	1	AX418290	ACCESSION:AX418290	C 640	14.8	0.3	18	1	AX530375	ACCESSION:AX530375
568	15.2	0.3	21	1	AX449788	ACCESSION:AX449788	C 641	14.8	0.3	18	1	AX598368	ACCESSION:AX598368
569	15.2	0.3	21	1	AX452347	ACCESSION:AX452347	642	14.8	0.3	18	1	AX797874	ACCESSION:AX797874
570	15.2	0.3	21	1	AX717124	ACCESSION:AX717124	643	14.8	0.3	18	1	AX809686	ACCESSION:AX809686
571	15.2	0.3	21	1	AX768037	ACCESSION:AX768037	644	14.8	0.3	18	1	AX809695	ACCESSION:AX809695
C 572	15.2	0.3	21	1	AX825103	ACCESSION:AX825103	645	14.8	0.3	18	1	BD073241	ACCESSION:BD073241
C 573	15.2	0.3	21	1	AX825104	ACCESSION:AX825104	646	14.8	0.3	18	1	BD088360	ACCESSION:BD088360
C 574	15.2	0.3	21	1	AX825105	ACCESSION:AX825105	C 647	14.8	0.3	18	1	AB067907	ACCESSION:AB067907
C 575	15.2	0.3	21	1	AX825118	ACCESSION:AX825118	C 648	14.8	0.3	18	1	AR074770	ACCESSION:AR074770
C 576	15.2	0.3	21	1	AX825132	ACCESSION:AX825132	649	14.8	0.3	19	1	BD175454	ACCESSION:BD175454
C 577	15.2	0.3	21	1	AX825133	ACCESSION:AX825133	650	14.8	0.3	19	1	CQ759005	ACCESSION:CQ759005
C 578	15.2	0.3	21	1	AX825134	ACCESSION:AX825134	C 651	14.8	0.3	19	1	CQ796060	ACCESSION:CQ796060
C 579	15.2	0.3	21	1	AX825152	ACCESSION:AX825152	652	14.8	0.3	19	1	E40069	ACCESSION:E40069
C 580	15.2	0.3	21	1	AX825153	ACCESSION:AX825153	C 653	14.8	0.3	19	1	E40068	ACCESSION:E40068
C 581	15.2	0.3	21	1	AX825154	ACCESSION:AX825154	654	14.8	0.3	19	1	E40067	ACCESSION:E40067
C 582	15.2	0.3	21	1	AX825155	ACCESSION:AX825155	C 655	14.8	0.3	19	1	E40876	ACCESSION:E40876
C 583	15.2	0.3	21	1	AX825156	ACCESSION:AX825156	656	14.8	0.3	19	1	E40877	ACCESSION:E40877
C 584	15.2	0.3	21	1	AX825157	ACCESSION:AX825157	C 657	14.8	0.3	19	1	E43422	ACCESSION:E43422
C 585	15.2	0.3	21	1	AX825164	ACCESSION:AX825164	658	14.8	0.3	19	1	E43423	ACCESSION:E43423
C 586	15.2	0.3	21	1	AX825165	ACCESSION:AX825165	C 659	14.8	0.3	19	1	AR410833	ACCESSION:AR410833
C 587	15.2	0.3	21	1	BD010392	ACCESSION:BD010392	660	14.8	0.3	19	1	AR423774	ACCESSION:AR423774
C 588	15.2	0.3	21	1	BD089907	ACCESSION:BD089907	661	14.8	0.3	19	1	AR439197	ACCESSION:AR439197
C 589	15.2	0.3	21	1	BD144906	ACCESSION:BD144906	662	14.8	0.3	19	1	AR444868	ACCESSION:AR444868
C 590	15.2	0.3	21	1	AX530368	ACCESSION:AX530368	C 663	14.8	0.3	19	1	AR473217	ACCESSION:AR473217
C 591	15	0.3	17	1	BD257666	ACCESSION:BD257666	664	14.8	0.3	19	1	AX252279	ACCESSION:AX252279
592	15	0.3	17	1	CQ622025	ACCESSION:CQ622025	C 665	14.8	0.3	19	1	AX259212	ACCESSION:AX259212
593	15	0.3	17	1	CQ622026	ACCESSION:CQ622026	666	14.8	0.3	19	1	AX326952	ACCESSION:AX326952
594	15	0.3	17	1	CQ622027	ACCESSION:CQ622027	667	14.8	0.3	19	1	AX329290	ACCESSION:AX329290
595	15	0.3	17	1	AR463088	ACCESSION:AR463088	C 668	14.8	0.3	19	1	AX440559	ACCESSION:AX440559
596	15	0.3	17	1	AR463089	ACCESSION:AR463089	C 669	14.8	0.3	19	1	AX469765	ACCESSION:AX469765
597	15	0.3	17	1	AR463090	ACCESSION:AR463090	670	14.8	0.3	19	1	AX698543	ACCESSION:AX698543
C 598	15	0.3	17	1	AX736471	ACCESSION:AX736471	671	14.8	0.3	19	1	AX769415	ACCESSION:AX769415
C 599	15	0.3	17	1	AX760295	ACCESSION:AX760295	672	14.8	0.3	19	1	AX804055	ACCESSION:AX804055
C 600	15	0.3	18	1	AR105021	ACCESSION:AR105021	C 673	14.8	0.3	19	1	AX814090	ACCESSION:AX814090
C 601	15	0.3	19	1	AR295566	ACCESSION:AR295566	C 674	14.8	0.3	19	1	AX816309	ACCESSION:AX816309
C 602	15	0.3	20	1	AR072469	ACCESSION:AR072469	C 675	14.8	0.3	19	1	BD075603	ACCESSION:BD075603
C 603	15	0.3	20	1	BD211114	ACCESSION:BD211114	676	14.8	0.3	19	1	BD102452	ACCESSION:BD102452
C 604	15	0.3	20	1	CQ816485	ACCESSION:CQ816485	677	14.8	0.3	19	1	BD090605	ACCESSION:BD090605
C 605	15	0.3	20	1	CQ817214	ACCESSION:CQ817214	C 678	14.8	0.3	19	1	BD090606	ACCESSION:BD090606
C 606	15	0.3	20	1	CQ818322	ACCESSION:CQ818322	679	14.8	0.3	19	1	BD090714	ACCESSION:BD090714
C 607	15	0.3	20	1	AR219165	ACCESSION:AR219165	C 680	14.8	0.3	19	1	BD090715	ACCESSION:BD090715
608	15	0.3	20	1	AR224591	ACCESSION:AR224591	C 681	14.8	0.3	19	1	BD095044	ACCESSION:BD095044
C 609	15	0.3	20	1	AR338046	ACCESSION:AR338046	C 682	14.8	0.3	19	1	BD102682	ACCESSION:BD102682
610	15	0.3	21	1	AR008503	ACCESSION:AR008503	C 683	14.8	0.3	19	1	BD172463	ACCESSION:BD172463
611	15	0.3	21	1	AR049953	ACCESSION:AR049953	684	14.8	0.3	19	1	BD172782	ACCESSION:BD172782
612	15	0.3	21	1	AR099639	ACCESSION:AR099639	685	14.8	0.3	19	1	BD173101	ACCESSION:BD173101
613	15	0.3	21	1	134533	ACCESSION:134533	686	14.8	0.3	19	1	BD173420	ACCESSION:BD173420
614	15	0.3	21	1	139803	ACCESSION:139803	687	14.8	0.3	20	1	BOVINB14	ACCESSION:BOVINB14
615	15	0.3	21	1	AR409131	ACCESSION:AR409131	688	14.8	0.3	20	1	SSA0777	ACCESSION:SSA0777
616	15	0.3	21	1	AX095786	ACCESSION:AX095786	689	14.8	0.3	20	1	AR008036	ACCESSION:AR008036
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C 691	14.8	0.3	20	1	AR087471	ACCESSION:AR087471	C 764	14.8	0.3	20	1	AX804995	ACCESSION:AX804995
C 692	14.8	0.3	20	1	AR100348	ACCESSION:AR100348	C 765	14.8	0.3	20	1	AX962802	ACCESSION:AX962802
C 693	14.8	0.3	20	1	AR110660	ACCESSION:AR110660	C 766	14.8	0.3	20	1	BD007716	ACCESSION:BD007716
C 694	14.8	0.3	20	1	AR122520	ACCESSION:AR122520	C 767	14.8	0.3	20	1	BD075550	ACCESSION:BD075550
C 695	14.8	0.3	20	1	AR125581	ACCESSION:AR125581	C 768	14.8	0.3	20	1	BD090153	ACCESSION:BD090153
C 696	14.8	0.3	20	1	AR129759	ACCESSION:AR129759	C 769	14.8	0.3	20	1	BD106301	ACCESSION:BD106301
C 697	14.8	0.3	20	1	AR150003	ACCESSION:AR150003	C 770	14.8	0.3	20	1	BD141118	ACCESSION:BD141118
C 698	14.8	0.3	20	1	AR150230	ACCESSION:AR150230	C 771	14.8	0.3	20	1	BD170376	ACCESSION:BD170376
C 699	14.8	0.3	20	1	AR154577	ACCESSION:AR154577	C 772	14.8	0.3	20	1	BD172410	ACCESSION:BD172410
C 700	14.8	0.3	20	1	AR174560	ACCESSION:AR174560	C 773	14.8	0.3	20	1	BD172729	ACCESSION:BD172729
C 701	14.8	0.3	20	1	BD175401	ACCESSION:BD175401	C 774	14.8	0.3	20	1	BD173048	ACCESSION:BD173048
C 702	14.8	0.3	20	1	BD176231	ACCESSION:BD176231	C 775	14.8	0.3	20	1	BD173367	ACCESSION:BD173367
C 703	14.8	0.3	20	1	BD176866	ACCESSION:BD176866	C 776	14.8	0.3	21	1	AR129449	ACCESSION:AR129449
C 704	14.8	0.3	20	1	BD178721	ACCESSION:BD178721	C 777	14.8	0.3	21	1	AR129450	ACCESSION:AR129450
C 705	14.8	0.3	20	1	BD184614	ACCESSION:BD184614	C 778	14.8	0.3	21	1	AR164117	ACCESSION:AR164117
C 706	14.8	0.3	20	1	BD196314	ACCESSION:BD196314	C 779	14.8	0.3	21	1	AR176587	ACCESSION:AR176587
C 707	14.8	0.3	20	1	BD2237876	ACCESSION:BD2237876	C 780	14.8	0.3	21	1	BD188747	ACCESSION:BD188747
C 708	14.8	0.3	20	1	BD228103	ACCESSION:BD228103	C 781	14.8	0.3	21	1	CQ787004	ACCESSION:CQ787004
C 709	14.8	0.3	20	1	BD228462	ACCESSION:BD228462	C 782	14.8	0.3	21	1	CQ821188	ACCESSION:CQ821188
C 710	14.8	0.3	20	1	BD237579	ACCESSION:BD237579	C 783	14.8	0.3	21	1	AR298945	ACCESSION:AR298945
C 711	14.8	0.3	20	1	BD237581	ACCESSION:BD237581	C 784	14.8	0.3	21	1	AR342726	ACCESSION:AR342726
C 712	14.8	0.3	20	1	BD243776	ACCESSION:BD243776	C 785	14.8	0.3	21	1	AX032999	ACCESSION:AX032999
C 713	14.8	0.3	20	1	BD248953	ACCESSION:BD248953	C 786	14.8	0.3	21	1	AX047392	ACCESSION:AX047392
C 714	14.8	0.3	20	1	CQ764208	ACCESSION:CQ764208	C 787	14.8	0.3	21	1	AX094980	ACCESSION:AX094980
C 715	14.8	0.3	20	1	CQ764275	ACCESSION:CQ764275	C 788	14.8	0.3	21	1	AX095011	ACCESSION:AX095011
C 716	14.8	0.3	20	1	CQ814612	ACCESSION:CQ814612	C 789	14.8	0.3	21	1	AX095138	ACCESSION:AX095138
C 717	14.8	0.3	20	1	CQ814713	ACCESSION:CQ814713	C 790	14.8	0.3	21	1	AX095444	ACCESSION:AX095444
C 718	14.8	0.3	20	1	CQ830063	ACCESSION:CQ830063	C 791	14.8	0.3	21	1	AX096769	ACCESSION:AX096769
C 719	14.8	0.3	20	1	CQ830067	ACCESSION:CQ830067	C 792	14.8	0.3	21	1	AX097013	ACCESSION:AX097013
C 720	14.8	0.3	20	1	CQ830069	ACCESSION:CQ830069	C 793	14.8	0.3	21	1	AX097119	ACCESSION:AX097119
C 721	14.8	0.3	20	1	112660	ACCESSION:112660	C 794	14.8	0.3	21	1	AX354512	ACCESSION:AX354512
C 722	14.8	0.3	20	1	112661	ACCESSION:112661	C 795	14.8	0.3	21	1	AX513749	ACCESSION:AX513749
C 723	14.8	0.3	20	1	112662	ACCESSION:112662	C 796	14.8	0.3	21	1	AX644916	ACCESSION:AX644916
C 724	14.8	0.3	20	1	112664	ACCESSION:112664	C 797	14.8	0.3	21	1	AX797922	ACCESSION:AX797922
C 725	14.8	0.3	20	1	122388	ACCESSION:122388	C 798	14.8	0.3	21	1	AX804385	ACCESSION:AX804385
C 726	14.8	0.3	20	1	AR181732	ACCESSION:AR181732	C 799	14.8	0.3	21	1	AX804921	ACCESSION:AX804921
C 727	14.8	0.3	20	1	AR221415	ACCESSION:AR221415	C 800	14.8	0.3	21	1	ATH525863	ACCESSION:ATH525863
C 728	14.8	0.3	20	1	AR225903	ACCESSION:AR225903	C 801	14.8	0.3	21	1	DOGPND8	ACCESSION:DOGPND8
C 729	14.8	0.3	20	1	AR241702	ACCESSION:AR241702	C 802	14.8	0.3	30	1	AX530370	ACCESSION:AX530370
C 730	14.8	0.3	20	1	AR304022	ACCESSION:AR304022	C 803	14.4	0.3	16	1	A12055	ACCESSION:A12055
C 731	14.8	0.3	20	1	AR305390	ACCESSION:AR305390	C 804	14.4	0.3	16	1	A12056	ACCESSION:A12056
C 732	14.8	0.3	20	1	AR309494	ACCESSION:AR309494	C 805	14.4	0.3	16	1	AR042880	ACCESSION:AR042880
C 733	14.8	0.3	20	1	AR310965	ACCESSION:AR310965	C 806	14.4	0.3	16	1	AR106504	ACCESSION:AR106504
C 734	14.8	0.3	20	1	AR312104	ACCESSION:AR312104	C 807	14.4	0.3	16	1	AR148152	ACCESSION:AR148152
C 735	14.8	0.3	20	1	AR342887	ACCESSION:AR342887	C 808	14.4	0.3	16	1	CQ806788	ACCESSION:CQ806788
C 736	14.8	0.3	20	1	AR342889	ACCESSION:AR342889	C 809	14.4	0.3	16	1	CQ808268	ACCESSION:CQ808268
C 737	14.8	0.3	20	1	AR359687	ACCESSION:AR359687	C 810	14.4	0.3	16	1	AR194731	ACCESSION:AR194731
C 738	14.8	0.3	20	1	AR371268	ACCESSION:AR371268	C 811	14.4	0.3	16	1	AR194732	ACCESSION:AR194732
C 739	14.8	0.3	20	1	AR374052	ACCESSION:AR374052	C 812	14.4	0.3	16	1	AR256817	ACCESSION:AR256817
C 740	14.8	0.3	20	1	AR410779	ACCESSION:AR410779	C 813	14.4	0.3	17	1	BD187272	ACCESSION:BD187272
C 741	14.8	0.3	20	1	AR439143	ACCESSION:AR439143	C 814	14.4	0.3	17	1	BD199167	ACCESSION:BD199167
C 742	14.8	0.3	20	1	AR456202	ACCESSION:AR456202	C 815	14.4	0.3	17	1	BD199168	ACCESSION:BD199168
C 743	14.8	0.3	20	1	AR473163	ACCESSION:AR473163	C 816	14.4	0.3	17	1	BD201595	ACCESSION:BD201595
C 744	14.8	0.3	20	1	AR475097	ACCESSION:AR475097	C 817	14.4	0.3	17	1	BD202841	ACCESSION:BD202841
C 745	14.8	0.3	20	1	AR475099	ACCESSION:AR475099	C 818	14.4	0.3	17	1	BD223855	ACCESSION:BD223855
C 746	14.8	0.3	20	1	AR489489	ACCESSION:AR489489	C 819	14.4	0.3	17	1	BD254020	ACCESSION:BD254020
C 747	14.8	0.3	20	1	AR491100	ACCESSION:AR491100	C 820	14.4	0.3	17	1	BD257705	ACCESSION:BD257705
C 748	14.8	0.3	20	1	AX040968	ACCESSION:AX040968	C 821	14.4	0.3	17	1	BD257705	ACCESSION:BD257705
C 749	14.8	0.3	20	1	AX104312	ACCESSION:AX104312	C 822	14.4	0.3	17	1	BD258334	ACCESSION:BD258334
C 750	14.8	0.3	20	1	AX149130	ACCESSION:AX149130	C 823	14.4	0.3	17	1	CQ617152	ACCESSION:CQ617152
C 751	14.8	0.3	20	1	AX239420	ACCESSION:AX239420	C 824	14.4	0.3	17	1	CQ617153	ACCESSION:CQ617153
C 752	14.8	0.3	20	1	AX355006	ACCESSION:AX355006	C 825	14.4	0.3	17	1	CQ617154	ACCESSION:CQ617154
C 753	14.8	0.3	20	1	AX477204	ACCESSION:AX477204	C 826	14.4	0.3	17	1	CQ617155	ACCESSION:CQ617155
C 754	14.8	0.3	20	1	AX487842	ACCESSION:AX487842	C 827	14.4	0.3	17	1	CQ621372	ACCESSION:CQ621372
C 755	14.8	0.3	20	1	AX488235	ACCESSION:AX488235	C 828	14.4	0.3	17	1	CQ621373	ACCESSION:CQ621373
C 756	14.8	0.3	20	1	AX498236	ACCESSION:AX498236	C 829	14.4	0.3	17	1	CQ621459	ACCESSION:CQ621459
C 757	14.8	0.3	20	1	AX498237	ACCESSION:AX498237	C 830	14.4	0.3	17	1	CQ621460	ACCESSION:CQ621460
C 758	14.8	0.3	20	1	AX526580	ACCESSION:AX526580	C 831	14.4	0.3	17	1	CQ621517	ACCESSION:CQ621517
C 759	14.8	0.3	20	1	AX547365	ACCESSION:AX547365	C 832	14.4	0.3	17	1	CQ621518	ACCESSION:CQ621518
C 760	14.8	0.3	20	1	AX587514	ACCESSION:AX587514	C 833	14.4	0.3	17	1	CQ622669	ACCESSION:CQ622669
C 761	14.8	0.3	20	1	AX697631	ACCESSION:AX697631	C 834	14.4	0.3	17	1	CQ622670	ACCESSION:CQ622670
C 762	14.8	0.3	20	1	AX742761	ACCESSION:AX742761	C 835	14.4	0.3	17	1	CQ623057	ACCESSION:CQ623057
C 763	14.8	0.3	20	1	AX798240	ACCESSION:AX798240	C 836	14.4	0.3	17	1	CQ623058	ACCESSION:CQ623058

837	14.4	0.3	17	1	AR329528	ACCESSION:AR329528	910	14.4	0.3	18	1	E14405	ACCESSION:E14405
838	14.4	0.3	17	1	AR329530	ACCESSION:AR329530	911	14.4	0.3	18	1	108613	ACCESSION:108613
C 839	14.4	0.3	17	1	AR402225	ACCESSION:AR402225	C 912	14.4	0.3	18	1	151690	ACCESSION:151690
840	14.4	0.3	17	1	AR458215	ACCESSION:AR458215	913	14.4	0.3	18	1	AR187495	ACCESSION:AR187495
841	14.4	0.3	17	1	AR458216	ACCESSION:AR458216	C 914	14.4	0.3	18	1	AR232160	ACCESSION:AR232160
842	14.4	0.3	17	1	AR458217	ACCESSION:AR458217	C 915	14.4	0.3	18	1	AR241595	ACCESSION:AR241595
843	14.4	0.3	17	1	AR458218	ACCESSION:AR458218	C 916	14.4	0.3	18	1	AR254079	ACCESSION:AR254079
C 844	14.4	0.3	17	1	AR462435	ACCESSION:AR462435	C 917	14.4	0.3	18	1	AR254551	ACCESSION:AR254551
C 845	14.4	0.3	17	1	AR462436	ACCESSION:AR462436	C 918	14.4	0.3	18	1	AR295654	ACCESSION:AR295654
C 846	14.4	0.3	17	1	AR462522	ACCESSION:AR462522	919	14.4	0.3	18	1	AR297376	ACCESSION:AR297376
C 847	14.4	0.3	17	1	AR462523	ACCESSION:AR462523	920	14.4	0.3	18	1	AR324009	ACCESSION:AR324009
C 848	14.4	0.3	17	1	AR462580	ACCESSION:AR462580	C 921	14.4	0.3	18	1	AX076212	ACCESSION:AX076212
C 849	14.4	0.3	17	1	AR462581	ACCESSION:AR462581	C 922	14.4	0.3	18	1	AX082558	ACCESSION:AX082558
C 850	14.4	0.3	17	1	AR463732	ACCESSION:AR463732	923	14.4	0.3	18	1	AX138812	ACCESSION:AX138812
851	14.4	0.3	17	1	AR463733	ACCESSION:AR463733	C 924	14.4	0.3	18	1	AX391659	ACCESSION:AX391659
C 852	14.4	0.3	17	1	AR464120	ACCESSION:AR464120	C 925	14.4	0.3	18	1	AX391808	ACCESSION:AX391808
C 853	14.4	0.3	17	1	AR464121	ACCESSION:AR464121	C 926	14.4	0.3	18	1	AX453816	ACCESSION:AX453816
C 854	14.4	0.3	17	1	AR464537	ACCESSION:AR464537	C 927	14.4	0.3	18	1	AX599475	ACCESSION:AX599475
C 855	14.4	0.3	17	1	AX022894	ACCESSION:AX022894	C 928	14.4	0.3	18	1	AX637808	ACCESSION:AX637808
C 856	14.4	0.3	17	1	AX022913	ACCESSION:AX022913	C 929	14.4	0.3	18	1	BD000051	ACCESSION:BD000051
C 857	14.4	0.3	17	1	AX022932	ACCESSION:AX022932	C 930	14.4	0.3	18	1	BD091566	ACCESSION:BD091566
C 858	14.4	0.3	17	1	AX030482	ACCESSION:AX030482	931	14.4	0.3	18	1	BD094762	ACCESSION:BD094762
C 859	14.4	0.3	17	1	AX030501	ACCESSION:AX030501	932	14.4	0.3	18	1	BD096304	ACCESSION:BD096304
C 860	14.4	0.3	17	1	AX030520	ACCESSION:AX030520	C 933	14.4	0.3	18	1	BD133662	ACCESSION:BD133662
861	14.4	0.3	17	1	AX214571	ACCESSION:AX214571	C 934	14.4	0.3	18	1	BD135111	ACCESSION:BD135111
C 862	14.4	0.3	17	1	AX215324	ACCESSION:AX215324	C 935	14.4	0.3	18	1	BD135740	ACCESSION:BD135740
C 863	14.4	0.3	17	1	AX215329	ACCESSION:AX215329	C 936	14.4	0.3	18	1	BD161006	ACCESSION:BD161006
C 864	14.4	0.3	17	1	AX215935	ACCESSION:AX215935	C 937	14.4	0.3	18	1	BD167501	ACCESSION:BD167501
865	14.4	0.3	17	1	AX216269	ACCESSION:AX216269	C 938	14.4	0.3	19	1	A65742	ACCESSION:A65742
866	14.4	0.3	17	1	AX216933	ACCESSION:AX216933	939	14.4	0.3	19	1	E12683	ACCESSION:E12683
867	14.4	0.3	17	1	AX216934	ACCESSION:AX216934	940	14.4	0.3	19	1	AR268328	ACCESSION:AR268328
868	14.4	0.3	17	1	AX217303	ACCESSION:AX217303	C 941	14.4	0.3	19	1	AR268329	ACCESSION:AR268329
C 869	14.4	0.3	17	1	AX227160	ACCESSION:AX227160	C 942	14.4	0.3	19	1	AR038671	ACCESSION:AR038671
C 870	14.4	0.3	17	1	AX227272	ACCESSION:AX227272	943	14.4	0.3	19	1	AR051997	ACCESSION:AR051997
C 871	14.4	0.3	17	1	AX227478	ACCESSION:AX227478	944	14.4	0.3	19	1	AR060404	ACCESSION:AR060404
C 872	14.4	0.3	17	1	AX266923	ACCESSION:AX266923	945	14.4	0.3	19	1	AR067405	ACCESSION:AR067405
C 873	14.4	0.3	17	1	AX266924	ACCESSION:AX266924	946	14.4	0.3	19	1	AR128962	ACCESSION:AR128962
874	14.4	0.3	17	1	AX266927	ACCESSION:AX266927	947	14.4	0.3	19	1	BD230488	ACCESSION:BD230488
C 875	14.4	0.3	17	1	AX266928	ACCESSION:AX266928	948	14.4	0.3	19	1	BD244656	ACCESSION:BD244656
C 876	14.4	0.3	17	1	AX272684	ACCESSION:AX272684	949	14.4	0.3	19	1	AR254656	ACCESSION:AR254656
C 877	14.4	0.3	17	1	AX272954	ACCESSION:AX272954	C 950	14.4	0.3	19	1	AR299581	ACCESSION:AR299581
C 878	14.4	0.3	17	1	AX422701	ACCESSION:AX422701	951	14.4	0.3	19	1	AR322117	ACCESSION:AR322117
C 879	14.4	0.3	17	1	AX423690	ACCESSION:AX423690	952	14.4	0.3	19	1	AR343264	ACCESSION:AR343264
880	14.4	0.3	17	1	AX532368	ACCESSION:AX532368	953	14.4	0.3	19	1	AR455531	ACCESSION:AR455531
881	14.4	0.3	17	1	AX532369	ACCESSION:AX532369	C 954	14.4	0.3	19	1	AX130852	ACCESSION:AX130852
C 882	14.4	0.3	17	1	AX556618	ACCESSION:AX556618	955	14.4	0.3	19	1	AX225005	ACCESSION:AX225005
C 883	14.4	0.3	17	1	AX556636	ACCESSION:AX556636	956	14.4	0.3	19	1	AX353083	ACCESSION:AX353083
C 884	14.4	0.3	17	1	AX578614	ACCESSION:AX578614	957	14.4	0.3	19	1	AX362928	ACCESSION:AX362928
885	14.4	0.3	17	1	AX648561	ACCESSION:AX648561	958	14.4	0.3	19	1	AX926744	ACCESSION:AX926744
886	14.4	0.3	17	1	AX648562	ACCESSION:AX648562	959	14.4	0.3	19	1	AX926752	ACCESSION:AX926752
C 887	14.4	0.3	17	1	AX672976	ACCESSION:AX672976	960	14.4	0.3	19	1	BD088114	ACCESSION:BD088114
888	14.4	0.3	17	1	AX674420	ACCESSION:AX674420	961	14.4	0.3	19	1	BD089283	ACCESSION:BD089283
889	14.4	0.3	17	1	AX690594	ACCESSION:AX690594	962	14.4	0.3	19	1	AB068045	ACCESSION:AB068045
890	14.4	0.3	17	1	AX690595	ACCESSION:AX690595	963	14.4	0.3	19	1	AB069002	ACCESSION:AB069002
C 891	14.4	0.3	17	1	AX694255	ACCESSION:AX694255	C 964	14.4	0.3	20	1	BOVINR31	ACCESSION:BOVINR31
C 892	14.4	0.3	17	1	AX694256	ACCESSION:AX694256	C 965	14.4	0.3	20	1	AR103793	ACCESSION:AR103793
C 893	14.4	0.3	17	1	AX726056	ACCESSION:AX726056	966	14.4	0.3	20	1	AR150318	ACCESSION:AR150318
C 894	14.4	0.3	17	1	AX730391	ACCESSION:AX730391	C 967	14.4	0.3	20	1	AR158929	ACCESSION:AR158929
C 895	14.4	0.3	17	1	AX733953	ACCESSION:AX733953	C 968	14.4	0.3	20	1	AR158930	ACCESSION:AR158930
C 896	14.4	0.3	17	1	AX736884	ACCESSION:AX736884	C 969	14.4	0.3	20	1	AR158931	ACCESSION:AR158931
C 897	14.4	0.3	17	1	AX736971	ACCESSION:AX736971	C 970	14.4	0.3	20	1	AR158932	ACCESSION:AR158932
898	14.4	0.3	17	1	AX744420	ACCESSION:AX744420	C 971	14.4	0.3	20	1	AR158933	ACCESSION:AR158933
899	14.4	0.3	17	1	AX744421	ACCESSION:AX744421	972	14.4	0.3	20	1	BD176297	ACCESSION:BD176297
C 900	14.4	0.3	17	1	AX759453	ACCESSION:AX759453	973	14.4	0.3	20	1	BD196364	ACCESSION:BD196364
C 901	14.4	0.3	17	1	BD067725	ACCESSION:BD067725	974	14.4	0.3	20	1	BD228191	ACCESSION:BD228191
C 902	14.4	0.3	18	1	A26397	ACCESSION:A26397	C 975	14.4	0.3	20	1	BD228191	ACCESSION:BD228191
C 903	14.4	0.3	18	1	A32394	ACCESSION:A32394	C 976	14.4	0.3	20	1	BD230280	ACCESSION:BD230280
C 904	14.4	0.3	18	1	AR021100	ACCESSION:AR021100	977	14.4	0.3	20	1	BD251310	ACCESSION:BD251310
C 905	14.4	0.3	18	1	AR042358	ACCESSION:AR042358	978	14.4	0.3	20	1	CQ754279	ACCESSION:CQ754279
C 906	14.4	0.3	18	1	AR051130	ACCESSION:AR051130	979	14.4	0.3	20	1	CQ757509	ACCESSION:CQ757509
C 907	14.4	0.3	18	1	AR153751	ACCESSION:AR153751	C 980	14.4	0.3	20	1	CQ797897	ACCESSION:CQ797897
C 908	14.4	0.3	18	1	BD176984	ACCESSION:BD176984	C 981	14.4	0.3	20	1	CQ798002	ACCESSION:CQ798002
C 909	14.4	0.3	18	1	BD211617	ACCESSION:BD211617	C 982	14.4	0.3	20	1	E38339	ACCESSION:E38339

c 983	14.4	0.3	20	1	E40738	ACCESSION:E40738
984	14.4	0.3	20	1	I57089	ACCESSION:I57089
c 985	14.4	0.3	20	1	AR220998	ACCESSION:AR220998
c 986	14.4	0.3	20	1	AR224582	ACCESSION:AR224582
c 987	14.4	0.3	20	1	AR225902	ACCESSION:AR225902
c 988	14.4	0.3	20	1	AR225904	ACCESSION:AR225904
c 989	14.4	0.3	20	1	AR230867	ACCESSION:AR230867
c 990	14.4	0.3	20	1	AR232329	ACCESSION:AR232329
c 991	14.4	0.3	20	1	AR237828	ACCESSION:AR237828
c 992	14.4	0.3	20	1	AR255990	ACCESSION:AR255990
c 993	14.4	0.3	20	1	AR272177	ACCESSION:AR272177
c 994	14.4	0.3	20	1	AR295874	ACCESSION:AR295874
c 995	14.4	0.3	20	1	AR315475	ACCESSION:AR315475
c 996	14.4	0.3	20	1	AR492683	ACCESSION:AR492683
c 997	14.4	0.3	20	1	AX000370	ACCESSION:AX000370
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c 999	14.4	0.3	20	1	AX294602	ACCESSION:AX294602
c 1000	14.4	0.3	20	1	AX298492	ACCESSION:AX298492
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c1002	14.4	0.3	20	1	AX394069	ACCESSION:AX394069
c1003	14.4	0.3	20	1	AX404000	ACCESSION:AX404000
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c1005	14.4	0.3	20	1	AX556410	ACCESSION:AX556410
c1006	14.4	0.3	20	1	AX611060	ACCESSION:AX611060
c1007	14.4	0.3	20	1	AX665193	ACCESSION:AX665193
c1008	14.4	0.3	20	1	AX674975	ACCESSION:AX674975
c1009	14.4	0.3	20	1	AX708795	ACCESSION:AX708795
c1010	14.4	0.3	20	1	AX708882	ACCESSION:AX708882
c1011	14.4	0.3	20	1	AX750484	ACCESSION:AX750484
c1012	14.4	0.3	20	1	AX798039	ACCESSION:AX798039
c1013	14.4	0.3	20	1	BD012400	ACCESSION:BD012400
c1014	14.4	0.3	20	1	BD083406	ACCESSION:BD083406
c1015	14.4	0.3	20	1	BD085692	ACCESSION:BD085692
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c1018	14.4	0.3	20	1	BD130023	ACCESSION:BD130023
c1019	14.4	0.3	20	1	BD135506	ACCESSION:BD135506
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c1021	14.2	0.3	19	1	A51172	ACCESSION:A51172
c1022	14.2	0.3	19	1	A68209	ACCESSION:A68209
c1023	14.2	0.3	19	1	A76997	ACCESSION:A76997
c1024	14.2	0.3	19	1	AR027790	ACCESSION:AR027790
c1025	14.2	0.3	19	1	AR048767	ACCESSION:AR048767
c1026	14.2	0.3	19	1	AR111371	ACCESSION:AR111371
c1027	14.2	0.3	19	1	AR111946	ACCESSION:AR111946
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c1033	14.2	0.3	19	1	AR111952	ACCESSION:AR111952
c1034	14.2	0.3	19	1	AR111953	ACCESSION:AR111953
c1035	14.2	0.3	19	1	AR111957	ACCESSION:AR111957
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c1040	14.2	0.3	19	1	AR124844	ACCESSION:AR124844
c1041	14.2	0.3	19	1	AR124845	ACCESSION:AR124845
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c1043	14.2	0.3	19	1	AR124847	ACCESSION:AR124847
c1044	14.2	0.3	19	1	AR124848	ACCESSION:AR124848
c1045	14.2	0.3	19	1	AR124849	ACCESSION:AR124849
c1046	14.2	0.3	19	1	AR124850	ACCESSION:AR124850
c1047	14.2	0.3	19	1	AR124854	ACCESSION:AR124854
c1048	14.2	0.3	19	1	AR124856	ACCESSION:AR124856
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c1050	14.2	0.3	19	1	AR124867	ACCESSION:AR124867
c1051	14.2	0.3	19	1	AR135291	ACCESSION:AR135291
c1052	14.2	0.3	19	1	AR135292	ACCESSION:AR135292
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c1065	14.2	0.3	19	1	AR153863	ACCESSION:AR153863
c1066	14.2	0.3	19	1	AR164173	ACCESSION:AR164173
c1067	14.2	0.3	19	1	AR175911	ACCESSION:AR175911
c1068	14.2	0.3	19	1	BD195367	ACCESSION:BD195367
c1069	14.2	0.3	19	1	BD196900	ACCESSION:BD196900
c1070	14.2	0.3	19	1	BD226532	ACCESSION:BD226532
c1071	14.2	0.3	19	1	BD231238	ACCESSION:BD231238
c1072	14.2	0.3	19	1	BD274438	ACCESSION:BD274438
c1073	14.2	0.3	19	1	BD274439	ACCESSION:BD274439
c1074	14.2	0.3	19	1	BD274440	ACCESSION:BD274440
c1075	14.2	0.3	19	1	BD274441	ACCESSION:BD274441
c1076	14.2	0.3	19	1	BD274449	ACCESSION:BD274449
c1077	14.2	0.3	19	1	C0760576	ACCESSION:C0760576
c1078	14.2	0.3	19	1	C0799990	ACCESSION:C0799990
c1079	14.2	0.3	19	1	E29828	ACCESSION:E29828
c1080	14.2	0.3	19	1	I31170	ACCESSION:I31170
c1081	14.2	0.3	19	1	I44034	ACCESSION:I44034
c1082	14.2	0.3	19	1	AR205798	ACCESSION:AR205798
c1083	14.2	0.3	19	1	AR205799	ACCESSION:AR205799
c1084	14.2	0.3	19	1	AR205800	ACCESSION:AR205800
c1085	14.2	0.3	19	1	AR205801	ACCESSION:AR205801
c1086	14.2	0.3	19	1	AR205809	ACCESSION:AR205809
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c1090	14.2	0.3	19	1	AR213493	ACCESSION:AR213493
c1091	14.2	0.3	19	1	AR213494	ACCESSION:AR213494
c1092	14.2	0.3	19	1	AR213495	ACCESSION:AR213495
c1093	14.2	0.3	19	1	AR213496	ACCESSION:AR213496
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c1095	14.2	0.3	19	1	AR213501	ACCESSION:AR213501
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c1098	14.2	0.3	19	1	AR213512	ACCESSION:AR213512
c1099	14.2	0.3	19	1	AR222465	ACCESSION:AR222465
c1100	14.2	0.3	19	1	AR237463	ACCESSION:AR237463
c1101	14.2	0.3	19	1	AR241724	ACCESSION:AR241724
c1102	14.2	0.3	19	1	AR292900	ACCESSION:AR292900
c1103	14.2	0.3	19	1	AR295279	ACCESSION:AR295279
c1104	14.2	0.3	19	1	AR298507	ACCESSION:AR298507
c1105	14.2	0.3	19	1	AR299941	ACCESSION:AR299941
c1106	14.2	0.3	19	1	AR321589	ACCESSION:AR321589
c1107	14.2	0.3	19	1	AR359804	ACCESSION:AR359804
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c1109	14.2	0.3	19	1	AR359806	ACCESSION:AR359806
c1110	14.2	0.3	19	1	AR367447	ACCESSION:AR367447
c1111	14.2	0.3	19	1	AR373577	ACCESSION:AR373577
c1112	14.2	0.3	19	1	AR393850	ACCESSION:AR393850
c1113	14.2	0.3	19	1	AR399177	ACCESSION:AR399177
c1114	14.2	0.3	19	1	AR399178	ACCESSION:AR399178
c1115	14.2	0.3	19	1	AR403601	ACCESSION:AR403601
c1116	14.2	0.3	19	1	AR403602	ACCESSION:AR403602
c1117	14.2	0.3	19	1	AR403603	ACCESSION:AR403603
c1118	14.2	0.3	19	1	AR403604	ACCESSION:AR403604
c1119	14.2	0.3	19	1	AR403605	ACCESSION:AR403605
c1120	14.2	0.3	19	1	AR403606	ACCESSION:AR403606
c1121	14.2	0.3	19	1	AR403607	ACCESSION:AR403607
c1122	14.2	0.3	19	1	AR403608	ACCESSION:AR403608
c1123	14.2	0.3	19	1	AR403612	ACCESSION:AR403612
c1124	14.2	0.3	19	1	AR403613	ACCESSION:AR403613
c1125	14.2	0.3	19	1	AR403614	ACCESSION:AR403614
c1126	14.2	0.3	19	1	AR403623	ACCESSION:AR403623
c1127	14.2	0.3	19	1	AR412338	ACCESSION:AR412338
c1128	14.2	0.3	19	1	AR432616	ACCESSION:AR432616

c1129	14.2	0.3	19	1	AR451262	ACCESSION:AR451262	1202	14.2	0.3	20	1	BD175100	ACCESSION:BD175100
c1130	14.2	0.3	19	1	AR451282	ACCESSION:AR451282	c1203	14.2	0.3	20	1	BD176448	ACCESSION:BD176448
1131	14.2	0.3	19	1	AR451483	ACCESSION:AR451483	1204	14.2	0.3	20	1	BD177732	ACCESSION:BD177732
1132	14.2	0.3	19	1	AX035960	ACCESSION:AX035960	c1205	14.2	0.3	20	1	BD177738	ACCESSION:BD177738
1133	14.2	0.3	19	1	AX037377	ACCESSION:AX037377	1206	14.2	0.3	20	1	BD223602	ACCESSION:BD223602
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c1135	14.2	0.3	19	1	AX164517	ACCESSION:AX164517	1208	14.2	0.3	20	1	BD227936	ACCESSION:BD227936
1136	14.2	0.3	19	1	AX229742	ACCESSION:AX229742	c1209	14.2	0.3	20	1	BD238408	ACCESSION:BD238408
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ALIGNMENTS

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AUTHORS Techopp,J. and Martinon,F.
TITLE Proteins and dna sequences underlying these proteins used for
JOURNAL Patent: WO 0240668-A 91 23-MAY-2002;
Apotech Research and Development Ltd. (CH)
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Query Match 0.7%; Score 39; DB 1; Length 39;
Best Local Similarity 100.0%; Pred. No. 0.095;
Matches 39; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 523 ATGGCTGGCGAGAGCCCTGGGCGCGCTGTTACTTG 561
1 ATGGCTGGCGAGAGCCCTGGGCGCGCTGTTACTTG 39

RESULT 2
AX530370 AX530370 30 bp DNA linear PAT 21-NOV-2002
LOCUS Sequence 93 from Patent WO0240668.
DEFINITION AX530370
ACCESSION AX530370.1 GI:25173258
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Techopp,J. and Martinon,F.
TITLE Proteins and dna sequences underlying these proteins used for
JOURNAL Patent: WO 0240668-A 93 23-MAY-2002;
Apotech Research and Development Ltd. (CH)
FEATURES
source 1..30
/organism="synthetic construct"
/mol_type="unassigned DNA"

/db_xref="taxon:32630"
/note="Primer JT1500 (S. 49)"

Query Match 0.6%; Score 30; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 2.6;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4792 CTCCTGCACCTCAGCAGCTGAAGTATCAAC 4821
Db 30 CTCCTGCACCTCAGCAGCTGAAGTATCAAC 1

RESULT 3
BD011883 BD011883 33 bp DNA linear PAT 02-AUG-2002
LOCUS Detection kit for SRSV.
DEFINITION BD011883
ACCESSION BD011883.1 GI:22092072
KEYWORDS WO 0079280-A/13.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 33)
AUTHORS Takeda,N., Natoli,K., Miyamura,T., Kunio, Kamata, Sato,T. and
Sato,S.
TITLE Detection kit for SRSV
JOURNAL Patent: WO 0079280-A 13 28-DEC-2000;
JAPAN AS REPRESENTED BY DIRECTOR GE YOSHIHIRO HIROSE,MITSUAKI
MORIGUCHI,KIMITYASU ISOBE DISEASES, DENKA SEIKEN CO LTD, NOKAZU
TAKEDA,KATSURO NATORI,TATSUO MIYAMURA, KUNIO KAMATA,TOSHINORI
SATO,SEIYA SATO
OS Artificial Sequence
PN WO 0079280-A/13
PD 28-DEC-2000 WO 2000JP004095
PR 22-JUN-1999 JP 99P 175928
PI NOKAZU TAKEDA,KATSURO NATORI,TATSUO MIYAMURA,KUNIO PI
KAMATA,TOSHINORI SATO,
PI SEIYA SATO
PC GOIN3/569,C12N15/40
CC

FEATURES
source 1..33
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.4%; Score 23.4; DB 1; Length 33;
Best Local Similarity 81.8%; Pred. No. 36;
Matches 27; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAAAGAAAAAATGAAATATAA 5425
Db 33 AAAAAAAAAAAGAAAAAATGAAATATAA 1

RESULT 4
E04206 E04206 29 bp DNA linear PAT 29-SEP-1997
LOCUS single strand DNA sequence of Type C hepatitis virus.
DEFINITION E04206
ACCESSION E04206
E04206.1 GI:2172416
KEYWORDS JP 1993001099-A/34.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 29)
AUTHORS Morita,K., Hasegawa,M., Yokoo,Y., Sato,M., Sekine,S., Sugimoto,S.,
Koda,H., Mori,H. and Arima,T.
TITLE FUSO ANTIGENIC POLYPEPTIDE
JOURNAL Patent: JP 1993001099-A 34 08-JAN-1993;
KYOWA HAKKO KOGYO CO LTD.

COMMENT OS Artificial gene
OC Artificial sequence; Genes.
PN JP 1993001099-A/34
PD 08-JAN-1993
PF 25-JUN-1991 JP 1991153031
PI MORITA KAZUKI, HASEGAWA MAMORU, YOKOO YOSHIMARU, SATO
MORIYUKI, PI ARIMA TERUMASA
PC C07K71/10, C07K13/00, C12N1/21, C12N15/62, C12N15/70, C12P21/02, PC
C12Q1/68, PC
G01N33/569, G01N33/576//A61K39/00, C12N15/51, (C12N1/21, C12R1:19), PC
(C12P21/02, PC
C12R1:19), C07K99:00;
CC strandedness: Single;
CC topology: linear;
CC hypothetical: No;
CC Location/Qualifiers
FEATURES
source 1..29
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.4%; Score 23.2; DB 1; Length 29;
Best Local Similarity 89.3%; Pred. No. 35;
Matches 25; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5403 AAAAAAAAAAATGAATAAAGAAAT 5430
DB 29 AAAAAAAAAAAGAAAAAAGAAAT 2

RESULT 5
LOCUS AX089776 30 bp DNA linear PAT 21-MAR-2001
DEFINITION Sequence 16 from Patent WO0116170.
ACCESSION AX089776
VERSION AX089776.1 GI:13443948
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 Reed, J.C.
AUTHORS Card proteins involved in cell death regulation
TITLE Patent: WO 0116170-A 16 08-MAR-2001;
JOURNAL The Burnham Institute (US)
FEATURES
source 1..30
Location/Qualifiers
1..30
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.4%; Score 22; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 57;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3891 GACCGTTGAGATTGAATTCGT 3912
DB 30 GACCGTTGAGATTGAATTCGT 9

RESULT 6
LOCUS AX089775 31 bp DNA linear PAT 21-MAR-2001
DEFINITION Sequence 15 from Patent WO0116170.
ACCESSION AX089775
VERSION AX089775.1 GI:13443947
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Reed, J.C.
TITLE Card proteins involved in cell death regulation
JOURNAL Patent: WO 0116170-A 15 08-MAR-2001;
The Burnham Institute (US)
FEATURES
source 1..31
Location/Qualifiers
1..31
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.4%; Score 22; DB 1; Length 31;
Best Local Similarity 100.0%; Pred. No. 58;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1498 GAACCTCGCATGTCATCTGC 1519
DB 10 GAACCTCGCATGTCATCTGC 31

RESULT 7
LOCUS AX961679 28 bp DNA linear PAT 14-JAN-2004
DEFINITION Sequence 74 from Patent WO03101375.
ACCESSION AX961679
VERSION AX961679.1 GI:40881137
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 Lopez, R.A.
AUTHORS Immunostimulatory oligonucleotides and uses thereof
TITLE Patent: WO 03101375-A 74 11-DEC-2003;
JOURNAL IMMUNOTECH S.A. (AR)
FEATURES
source 1..28
Location/Qualifiers
1..28
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Immunostimulatory oligonucleotide"

Query Match 0.4%; Score 21.6; DB 1; Length 28;
Best Local Similarity 85.7%; Pred. No. 63;
Matches 24; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5394 AAAAAAAAAAAGAAAAATGAAA 5421
DB 28 AAAAAAAAAAAGAAAAATGAAA 1

RESULT 8
LOCUS E04205 30 bp DNA linear PAT 29-SEP-1997
DEFINITION single strand DNA sequence of Type C hepatitis virus.
ACCESSION E04205
VERSION E04205.1 GI:2172415
KEYWORDS JP 1993001099-A/33.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 (bases 1 to 30)
Moriita, K., Hasegawa, M., Yokoo, Y., Sato, M., Sekine, S., Sugimoto, S.,
Koda, H., Mori, H. and Arima, T.
FUSED ANTIGENIC POLYPEPTIDE
Patent: JP 1993001099-A 33 08-JAN-1993;
KYOWA HAKKO KOGYO CO LTD
TITLE Artificial gene
JOURNAL OS Artificial sequence; Genes.
COMMENT
PN JP 1993001099-A/33
PD 08-JAN-1993
PF 25-JUN-1991 JP 1991153031

PI MORITA KAZUKI, HASEGAWA MAMORU, YOKOO YOSHIMARU, SATO MORIYUKI, PI SEKINE SUSUMU, SUGIMOTO SEIJI, KODA HAJIME, MORI HIDEJI, PI ARIMA TERUMASA
PC C07K/10,C07K13/00,C12N1/21,C12N15/62,C12N15/70,C12P21/02, PC C1201/68,
PC G01N33/569,G01N33/576//A61K39/00,C12N15/51,(C12N1/21,C12R1:19), PC (C12P21/02,
C12R1:19),C07K99:00;
CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No.
Location/Qualifiers
1..30
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 88.5%; Pred. No. 77;
Matches 23; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5402 CAAAAAGAAAAATGAAATTAAGG 5427
5 CAAAAAGAAAAAGAAAAAAGG 30

Db

RESULT 9
AX089777 21 bp DNA linear PAT 21-MAR-2001
LOCUS
DEFINITION Sequence 17 from Patent WO0116170.
ACCESSION AX089777
VERSION AX089777.1 GI:13443949
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Reed,J.C.
TITLE Card proteins involved in cell death regulation
JOURNAL Patent: WO 0116170-A 17 08-MAR-2001;
The Burnham Institute (US)
FEATURES
source location/Qualifiers
1..21
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.4%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 64;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3873 TGTGATGAGAGCGGTGAC 3893
1 TGTGATGAGAGCGGTGAC 21

Db

RESULT 10
AX530372 21 bp DNA linear PAT 21-NOV-2002
LOCUS
DEFINITION Sequence 95 from Patent WO0240668.
ACCESSION AX530372
VERSION AX530372.1 GI:25173260
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Tschopp,J. and Martinon,F.
TITLE Proteins and dna sequences underlying these proteins used for treating inflammations
JOURNAL Patent: WO 0240668-A 95 23-MAY-2002;

Apotech Research and Development Ltd. (CH)
Location/Qualifiers
1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer JT1658"

Query Match 0.4%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 64;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3610 AAATCTGTGAGCGTGAAG 3630
1 AAATCTGTGAGCGTGAAG 21

Db

RESULT 11
AX530374 21 bp DNA linear PAT 21-NOV-2002
LOCUS
DEFINITION Sequence 97 from Patent WO0240668.
ACCESSION AX530374
VERSION AX530374.1 GI:25173262
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Tschopp,J. and Martinon,F.
TITLE Proteins and dna sequences underlying these proteins used for treating inflammations
JOURNAL Patent: WO 0240668-A 97 23-MAY-2002;
Apotech Research and Development Ltd. (CH)
FEATURES
source location/Qualifiers
1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer JT1497 (S. 51)"

Query Match 0.4%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 64;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 523 ATGGCTGGCGAGCGCTGGGCG 543
1 ATGGCTGGCGAGCGCTGGGCG 21

Db

RESULT 12
A43784 30 bp DNA linear PAT 06-MAR-1997
LOCUS
DEFINITION Sequence 9 from Patent WO9508000.
ACCESSION A43784
VERSION A43784.1 GI:2298962
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
unclassified.

REFERENCE 1 (bases 1 to 30)
AUTHORS Mandrand,B., Gros,P., Delat,T., Charles,M., Exout,M. and Pichot,C.
TITLE REAGENT AND METHOD FOR THE DETECTION OF A NUCLEOTIDE SEQUENCE WITH SIGNAL AMPLIFICATION
JOURNAL Patent: WO 9508000-A 9 23-MAR-1995;
BIO MERIEUX (FR)
Other publication CA 2149315 950323
Other publication FR 2710075 950324.
COMMENT
FEATURES
source location/Qualifiers
1..30
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 83;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAATGAAA 5421
DB 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 29

RESULT 13
LOCUS A62991 30 bp DNA linear PAT 12-MAR-1998
DEFINITION Sequence 3 from Patent WO9720068.
ACCESSION A62991
VERSION A62991.1 GI:3716863
KEYWORDS
SOURCE unidentified
ORGANISM unidentified.
REFERENCE 1
AUTHORS Oertum,H. and Seeger,C.
TITLE METHOD FOR GENERATING MULTIPLE DOUBLE STRANDED NUCLEIC ACIDS
JOURNAL Patent: WO 9720068-A 3 05-JUN-1997;
BOEHRINGER MANNHEIM GMBH (DE)
FEATURES
source 1..30
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 83;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAATGAAA 5421
DB 30 AAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 14
LOCUS A62995 30 bp DNA linear PAT 12-MAR-1998
DEFINITION Sequence 7 from Patent WO9720068.
ACCESSION A62995
VERSION A62995.1 GI:3716867
KEYWORDS
SOURCE unidentified
ORGANISM unidentified.
REFERENCE 1
AUTHORS Oertum,H. and Seeger,C.
TITLE METHOD FOR GENERATING MULTIPLE DOUBLE STRANDED NUCLEIC ACIDS
JOURNAL Patent: WO 9720068-A 7 05-JUN-1997;
BOEHRINGER MANNHEIM GMBH (DE)
FEATURES
source 1..30
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 83;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAATGAAA 5421
DB 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 29

RESULT 15
LOCUS AR179066 30 bp DNA linear PAT 16-MAY-2002
DEFINITION Sequence 3 from patent US 6326143.

ACCESSION AR179066
VERSION AR179066.1 GI:20220621
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1
AUTHORS Oertum,H. and Seeger,C.
TITLE Method for generating multiple double stranded nucleic acids
JOURNAL Patent: US 6326143-A 3 04-DEC-2001;
FEATURES
source 1..30
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 83;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAATGAAA 5421
DB 30 AAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 16
LOCUS AR179070 30 bp DNA linear PAT 16-MAY-2002
DEFINITION Sequence 7 from patent US 6326143.
ACCESSION AR179070
VERSION AR179070.1 GI:20220625
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1
AUTHORS Oertum,H. and Seeger,C.
TITLE Method for generating multiple double stranded nucleic acids
JOURNAL Patent: US 6326143-A 7 04-DEC-2001;
FEATURES
source 1..30
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 83;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAATGAAA 5421
DB 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 29

RESULT 17
LOCUS BD181358 30 bp DNA linear PAT 15-MAY-2003
DEFINITION Novel fluorescent colorant and method of assaying nucleic acid.
ACCESSION BD181358
VERSION BD181358.1 GI:30792276
KEYWORDS JP 2002327130-A/1.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Tokunaga,T., Ishiguro,T. and Horie,R.
TITLE Novel fluorescent colorant and method of assaying nucleic acid
JOURNAL Patent: JP 2002327130-A 1 15-NOV-2002;
TOSOH CORP
OS Artificial Sequence
PN JP 2002327130-A/1
PD 15-NOV-2002
PF 11-JUN-2002 JP 2002005267
PI TAKUMI TOKUNAGA,TAKAHIKO ISHIGURO,RYUICHI HORIE PC
C09B23/00,C07D417/14,C07H21/04,C09K11/06,C12N15/09,C12Q1/68, PC

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GO1N3/58,
PC C12N15/00
CC dt30mer
FH Key
FT source
Location/Qualifiers
1. .30
/organism="Artificial Sequence".
FEATURES
source
1. .30
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match
Best Local Similarity 82.8%; Score 21; DB 1; Length 30;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAAAATGAAA 5421
Db 30 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 18
BD181359 30 bp DNA linear PAT 15-MAY-2003
LOCUS Novel fluorescent colorant and method of assaying nucleic acid.
DEFINITION BD181359
ACCESSION BD181359
VERSION BD181359.1 GI:30792277
KEYWORDS JP 2002327130-A/2.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 30)
AUTHORS Tokunaga,T., Ishiguro,T. and Horie,R.
TITLES Novel fluorescent colorant and method of assaying nucleic acid
JOURNAL Patent: JP 2002327130-A 2 15-NOV-2002;
TOSOH CORP
COMMENT OS Artificial Sequence
PN JP 2002327130-A/2
PD 15-NOV-2002 JP 2002005267
PI TAKUMI TOKUNAGA, TAKAHIRO ISHIGURO, RYUICHI HORIE
PC C09923/00, C07D417/14, C07H21/04, C09K11/06, C12N15/09, C12Q1/68, PC
GO1N33/58,
PC C12N15/00
CC dt30mer
FH Key
FT source
Location/Qualifiers
1. .30
/organism="Artificial Sequence".
FEATURES
source
1. .30
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match
Best Local Similarity 82.8%; Score 21; DB 1; Length 30;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAAAATGAAA 5421
Db 30 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 19
E04638 30 bp RNA linear PAT 29-SEP-1997
LOCUS Synthesized oligoribonucleotides of more than 20 mers.
DEFINITION E04638
ACCESSION E04638
VERSION E04638.1 GI:5708508
KEYWORDS JP 1992330093-A/2.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

```

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REFERENCE 1 (bases 1 to 30)
AUTHORS Tanimura,H. and Imada,M.
TITLES PRODUCTION OF OLIGORIBONUCLEOTIDE
JOURNAL Patent: JP 1992330093-A 2 18-NOV-1992;
TAKEDA CHEM IND LTD
COMMENT OC Artificial gene
OS Artificial sequence; Genes.
PN JP 1992330093-A/2
PD 18-NOV-1992
PF 07-JUN-1991 JP 1991136086
PR 20-JUL-1990 JP 90P 190762
PI TANIMURA HIROSHI, IMADA MICHIO
PC C07H21/02;
CC strandedness: Single;
CC topology: Linear;
FH Key
FT source
Location/Qualifiers
1. .30
/misc_feature 1. .30
units /note="suitably selected protection of RNA FT
FEATURES
source
1. .30
Location/Qualifiers
1. .30
/organism="synthetic construct"
/mol_type="genomic RNA"
/db_xref="taxon:32630"

Query Match
Best Local Similarity 82.8%; Score 21; DB 1; Length 30;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAAAATGAAA 5421
Db 30 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 20
I84450 30 bp DNA linear PAT 04-APR-1998
LOCUS Sequence 9 from patent US 5695936.
DEFINITION I84450
ACCESSION I84450
VERSION I84450.1 GI:3021970
KEYWORDS .
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 30)
AUTHORS Mandrand,B., Cros,P., Delair,T., Charles,M.-H., Erout,M.-N. and
Pichot,C.
TITLES Reagent and method for the detection of a nucleotide sequence with
signal amplification
JOURNAL Patent: US 5695936-A 9 09-DEC-1997;
FEATURES
source
1. .30
Location/Qualifiers
1. .30
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 82.8%; Score 21; DB 1; Length 30;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAAAATGAAA 5421
Db 30 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 21
AX089778 30 bp DNA linear PAT 21-MAR-2001
LOCUS Sequence 18 from Patent WO0116170.
DEFINITION AX089778
ACCESSION AX089778
VERSION AX089778.1 GI:1343950
KEYWORDS .

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SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
artificial sequences.
AUTHORS Reed,J.C.
TITLE Card proteins involved in cell death regulation
JOURNAL Patent: WO 016170-A 18 08-MAR-2001;
The Burnham Institute (US)
FEATURES
source 1..30
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 83;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4847 GCTTGGCTGACCTCTTGG 4867
|||||
30 GCTTGGCTGACCTCTTGG 10

Db 30 GCTTGGCTGACCTCTTGG 10

RESULT 22
AX104902/c AX104902 30 bp DNA linear PAT 30-APR-2001
LOCUS Sequence 1094 from Patent WO0122972.
DEFINITION AX104902
ACCESSION AX104902
VERSION AX104902.1 GI:13921099
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
FEATURES
1
artificial sequences.
AUTHORS Krieg,A.M., Schetter,C. and Vollmer,J.C.
TITLE Immunostimulatory nucleic acids
JOURNAL Patent: WO 0122972-A 1094 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
GmbH (DE)
FEATURES
source 1..30
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Sequence"

Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 83;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAAAAATGAAA 5421
|||||
30 AAAAAATACAAAAAGAAAAATGAAA 2

Db 30 AAAAAATACAAAAAGAAAAATGAAA 2

RESULT 23
AX104903 AX104903 30 bp DNA linear PAT 30-APR-2001
LOCUS Sequence 1095 from Patent WO0122972.
DEFINITION AX104903
ACCESSION AX104903
VERSION AX104903.1 GI:13921100
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
FEATURES
1
artificial sequences.
AUTHORS Krieg,A.M., Schetter,C. and Vollmer,J.C.
TITLE Immunostimulatory nucleic acids
JOURNAL Patent: WO 0122972-A 1095 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
GmbH (DE)
FEATURES
source 1..30
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Sequence"

source 1..30
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Sequence"

Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 83;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAAAAATGAAA 5421
|||||
1 AAAAAATACAAAAAGAAAAATGAAA 29

Db 1 AAAAAATACAAAAAGAAAAATGAAA 29

RESULT 24
AX474673/c AX474673 30 bp DNA linear PAT 12-AUG-2002
LOCUS Sequence 1 from Patent EP1223226.
DEFINITION AX474673
ACCESSION AX474673
VERSION AX474673.1 GI:22214013
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
FEATURES
1
artificial sequences.
AUTHORS Tokunaga,T., Ishiguro,T. and Horie,R.
TITLE Novel fluorescent dye and method of measuring nucleic acid
JOURNAL Patent: EP 1223226-A 1 17-JUL-2002;
Tosoh Corporation (JP)
FEATURES
source 1..30
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Artificial"

Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 83;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAAAAATGAAA 5421
|||||
30 AAAAAATACAAAAAGAAAAATGAAA 2

Db 30 AAAAAATACAAAAAGAAAAATGAAA 2

RESULT 25
AX474674 AX474674 30 bp DNA linear PAT 12-AUG-2002
LOCUS Sequence 2 from Patent EP1223226.
DEFINITION AX474674
ACCESSION AX474674
VERSION AX474674.1 GI:22214014
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
FEATURES
1
artificial sequences.
AUTHORS Tokunaga,T., Ishiguro,T. and Horie,R.
TITLE Novel fluorescent dye and method of measuring nucleic acid
JOURNAL Patent: EP 1223226-A 2 17-JUL-2002;
Tosoh Corporation (JP)
FEATURES
source 1..30
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Artificial"

Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 83;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAAAAATGAAA 5421

Db 1 ||||| ||||| ||||| ||||| 29
1 AAAAAAAAAAAAAAAAAAAAAAAAAA

RESULT 26
AX521609/c 30 bp DNA linear PAT 05-OCT-2002
LOCUS Sequence 115 from Patent WO0222874.
DEFINITION AX521609
ACCESSION AX521609
VERSION AX521609.1 GI:23572654
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 Utermohlen, J.G. and Connaughton, J.
Oligonucleotides for labeling oligonucleotide probes and proteins
Patent: WO 0222874-A 115 21-MAR-2002;
VENTANA MEDICAL SYSTEMS, INC. (US)
JOURNAL Location/Qualifiers
FEATURES
source 1..30
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="oligonucleotide probe"

Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 83;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAAGAAAAATGAAA 5421
Db 30 AAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 27
BD105776 30 bp DNA linear PAT 27-AUG-2002
LOCUS Conjugates of biologically stable polymers and polynucleotides for
DERIVATION treating systemic lupus erythematosus.
ACCESSION BD105776
VERSION BD105776.1 GI:22651350
KEYWORDS JP 2001354569-A/1.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 30)
AUTHORS Conrad, M.J. and Coutre, S.
TITLES Conjugates of biologically stable polymers and polynucleotides for
treating systemic lupus erythematosus
JOURNAL Patent: JP 2001354569-A 1 25-DEC-2001;
LA JOLLA PHARMACEUTICAL CO
COMMENT OS Artificial Sequence
PN JP 2001354569-A/1
PD 25-DEC-2001
PR 04-APR-2001 JP 2001106534
PR 16-JAN-1990 US 466138, 13-MAR-1990 US 494118 PI
MICHAEL J CONRAD, STEPHEN COUTTS
PC A61K31/7088, A61K47/48, A61P37/02, C07K14/00, C12N15/00, C12N15/00
CC Synthetic Construct
FH Key Location/Qualifiers
FT source 1..30
/organism="Artificial Sequence".
Location/Qualifiers
1..30
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 83;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

FEATURES
source 1..30
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

QY 5393 AAAAAAAAAAGAAAAATGAAA 5421
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 29

RESULT 28
BD132851 30 bp DNA linear PAT 18-SEP-2002
LOCUS Methods of nucleic acid detection.
DEFINITION BD132851
ACCESSION BD132851
VERSION BD132851.1 GI:23227796
KEYWORDS JP 2002509443-A/2.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 30)
AUTHORS Weisburg, W.G., Stull, P.D. and Reshatoff, M.R.
TITLES Methods of nucleic acid detection
JOURNAL Patent: JP 2002509443-A 2 26-MAR-2002;
GEN PROBE INC
COMMENT OS Artificial Sequence
PN JP 2002509443-A/2
PD 26-MAR-2002
PP 30-OCT-1998 JP 1999526687
PR 31-OCT-1997 US 60/063969
PI WILLIAM G WEISBURG, PAUL D STULL, MICHAEL R RESHATOFF PC
C12Q1/68
CC Description of Artificial Sequence: synthetic oligonucleotide
FH Key Location/Qualifiers
FEATURES
source 1..30
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 83;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAAGAAAAATGAAA 5421
Db 30 AAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 29
AX455497 24 bp RNA linear PAT 06-JUL-2002
LOCUS Sequence 4 from Patent WO0216596.
DEFINITION AX455497
ACCESSION AX455497
VERSION AX455497.1 GI:21714575
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 24)
AUTHORS Guo, P., Hoepflich, S.M. and Shu, D.
TITLES Prna chimera
JOURNAL Patent: WO 0216596-A 4 28-FEB-2002;
Purdue Research Foundation (US)
PC Purdue Research Foundation (US)
CC Synthetic Construct
FH Key Location/Qualifiers
FT source 1..24
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"

Query Match 0.4%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 76;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5298 GATACAGCTCTTTTGAATTG 5321
Db 1 GGTACAGCTCTTTTGAATTG 24

```

RESULT 30
AR241865/c      AR241865      27 bp      DNA      1linear      PAT 20-DEC-2002
LOCUS           Sequence 153 from patent US 6472154.
DEFINITION      AR241865
ACCESSION       AR241865
VERSION         AR241865.1 GI:27287677
KEYWORDS
SOURCE          Unknown.
ORGANISM        Unknown.
REFERENCE       1 (bases 1 to 27)
AUTHORS        Garner,H.R., Wren,J.D., Minna,J.D. and Fondon,J.W. III.
TITLE          Polymorphic repeats in human genes
JOURNAL         Patent: US 6472154-A 153 29-OCT-2002;
FEATURES        Location/Qualifiers
source          1..27
                /organism="unknown"
                /mol_type="genomic DNA"

Query Match
Best Local Similarity 85.2%; Score 20.6; DB 1; Length 27;
Matches 23; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5389 AATTAAAAATTCATAAAAAAGAAAAA 5415
Db 27 AATATAAAAAATTCATAAAAAA 1

RESULT 31
AX116188/c      AX116188      25 bp      DNA      1linear      PAT 11-MAY-2001
LOCUS           Sequence 1311 from Patent WO0139262.
DEFINITION      AX116188
ACCESSION       AX116188
VERSION         AX116188.1 GI:14033130
KEYWORDS
SOURCE          synthetic construct
ORGANISM        synthetic construct
                artificial sequences.
REFERENCE       1
AUTHORS        Picoult-Newburg,L. and Pohl,M.
TITLE          Genotyping reagents, kits and methods of use thereof
JOURNAL         Patent: WO 0128262-A 1311 26-APR-2001;
FEATURES        Location/Qualifiers
source          1..25
                /organism="synthetic construct"
                /mol_type="unassigned DNA"
                /db_xref="taxon:32630"
                /note="Primer"

Query Match
Best Local Similarity 88.0%; Score 20.2; DB 1; Length 25;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATTCATAAAAAAGAAAAATG 5417
Db 25 AAAAAAATTCATAAAAAAATG 1

RESULT 32
HSPCR50R/c      HSPCR50R      28 bp      DNA      1linear      PRI 30-APR-1993
LOCUS           H.sapiens dystrophin exon 50 PCR primer, 50R.
ACCESSION       X65354
VERSION         X65354.1 GI:35348
KEYWORDS
SOURCE          Homo sapiens (human)
ORGANISM        Homo sapiens
REFERENCE       1
AUTHORS        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE          Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
JOURNAL         1 (bases 1 to 28)
FEATURES        Location/Qualifiers
source          1..28
                /organism="Homo sapiens"
                /mol_type="unassigned DNA"
                /db_xref="taxon:9606"

Query Match
Best Local Similarity 87.5%; Score 19.8; DB 1; Length 28;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1177 ATCAGAGAAAGAGAGAGAGAAA 1200
Db 26 ATCAGAGAGAGAGAGAGAGAGA 3

RESULT 34
AX427136

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TITLE          Detection of 98% of DMD/BMD gene deletions by polymerase chain
JOURNAL         Hum. Genet. 86 (1), 45-48 (1990)
MEDLINE         91071736
PUBMED          2253937
COMMENT         PCR reactions using reagents from Perkin-Elmer Cetus GeneAmp kits
                (Norwalk, Conn.) contained 0.5ul of each primer (e.g.
                0.5uM), 5 units Taq polymerase and 250ng genomic DNA per 50ul
                reaction. In practice, all primers for a given reaction were
                generally premixed and stored in aliquots. Each set of reactions
                was always prepared as a master mix and aliquots added to a final
                microfuge tubes before addition of water and template to a final
                volume of 50ul. These were overlain with 25ul mineral oil and
                incubated in either a Perkin-Elmer Cetus (Norwalk, Conn.) thermal
                cycler or an MJ Research (Watertown, Mass.) thermal controller as
                follows: 94OC, 7min to denature, followed by 25 cycles of 94OC, 30s
                (to denature); 65OC, 4min (to anneal and elongate) with the last
                annealing/elongation step for 10min. PCR products were scored at
                4OC for up to several days prior to analysis.
                Location/Qualifiers
source          1..28
                /organism="Homo sapiens"
                /mol_type="genomic DNA"
                /db_xref="taxon:9606"
                /chromosome="X"
                /map="xp21"
                /cell_type="leukocyte"
                /tissue_type="peripheral blood"
                /note="Allele: DMD/BMD"

Query Match
Best Local Similarity 82.1%; Score 20; DB 1; Length 28;
Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 2551 CTGTTAGTGATGAGCGGAGAGAGAGA 2578
Db 28 CTATGAGTGATGACTGGGTGAGAGAGA 1

RESULT 33
AX184200/c      AX184200      28 bp      DNA      1linear      PAT 06-AUG-2001
LOCUS           Sequence 1953 from Patent WO0142511.
DEFINITION      AX184200
ACCESSION       AX184200
VERSION         AX184200.1 GI:15135543
KEYWORDS
SOURCE          Homo sapiens (human)
ORGANISM        Homo sapiens
REFERENCE       1
AUTHORS        Daly,M., Hudson,T.J., Lander,E.S., Rioux,J. and Siminovitch,K.
TITLE          Ibd-related polymorphisms
JOURNAL         Patent: WO 0142511-A 1953 14-JUN-2001;
FEATURES        Location/Qualifiers
source          1..28
                /organism="Homo sapiens"
                /mol_type="unassigned DNA"
                /db_xref="taxon:9606"

Query Match
Best Local Similarity 87.5%; Score 19.8; DB 1; Length 28;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1177 ATCAGAGAAAGAGAGAGAGAAA 1200
Db 26 ATCAGAGAGAGAGAGAGAGAGA 3

RESULT 34
AX427136

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LOCUS AX427136 28 bp DNA PAT 18-JUN-2002
DEFINITION Sequence 36 from Patent WO0196559.
ACCESSION AX427136
VERSION AX427136.1 GI:21530519
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
AUTHORS 1 Ellington, A.D., Hesselberth, J., Marshall, K., Robertson, M.,
Soccer, L., Davidson, E., Cox, J.C. and Reidel, T.
TITLE Reglatable, catalytically active nucleic acids
JOURNAL Patent: WO 0196559-A 36 20-DEC-2001;
Board of Regents, The University of Texas System (US)
FEATURES
source
1.28
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.4%; Score 19.6; DB 1; Length 28;
Best Local Similarity 84.6%; Pred. No. 1.3e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5394 AAAAAATACAAAAGAAAAAATGAA 5419
Db 1 AAAAAAAAAAAAAAAAAAAAAATGCA 26

RESULT 35
LOCUS AX083691 21 bp DNA PAT 28-FEB-2001
DEFINITION Sequence 5 from Patent WO0110468.
ACCESSION AX083691
VERSION AX083691.1 GI:13185419
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
AUTHORS 1 Papisov, M.I.
TITLE Drug-carrier complexes and methods of use thereof
JOURNAL Patent: WO 0110468-A 5 15-FEB-2001;
THE GENERAL HOSPITAL CORPORATION (US)
FEATURES
source
1.21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Oligonucleotide"

Query Match 0.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200
Db 21 AGAGAGAGAGAGAGAGAGAAA 1

RESULT 36
LOCUS AX083696 21 bp DNA PAT 28-FEB-2001
DEFINITION Sequence 10 from Patent WO0110468.
ACCESSION AX083696
VERSION AX083696.1 GI:13185424
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
AUTHORS 1 Papisov, M.I.

TITLE Drug-carrier complexes and methods of use thereof
JOURNAL Patent: WO 0110468-A 10 15-FEB-2001;
THE GENERAL HOSPITAL CORPORATION (US)
FEATURES
source
1.21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Oligonucleotide"

Query Match 0.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200
Db 21 AGAGAGAGAGAGAGAGAGAAA 1

RESULT 37
LOCUS AX083692 22 bp DNA PAT 28-FEB-2001
DEFINITION Sequence 6 from Patent WO0110468.
ACCESSION AX083692
VERSION AX083692.1 GI:13185420
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
AUTHORS 1 Papisov, M.I.
TITLE Drug-carrier complexes and methods of use thereof
JOURNAL Patent: WO 0110468-A 6 15-FEB-2001;
THE GENERAL HOSPITAL CORPORATION (US)
FEATURES
source
1.22
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Oligonucleotide"

Query Match 0.4%; Score 19.4; DB 1; Length 22;
Best Local Similarity 95.2%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200
Db 1 AGAGAGAGAGAGAGAGAGAAA 21

RESULT 38
LOCUS BD056964 25 bp DNA PAT 27-AUG-2002
DEFINITION Sets of labeled energy transfer fluorescent primers and their use
in multi component analysis.
ACCESSION BD056964
VERSION BD056964.1 GI:22602570
KEYWORDS UP 2001509271-A/1.
SOURCE Arabidopsis thaliana (thale cress)
ORGANISM Arabidopsis thaliana
Bukariyola; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons: core eudicots;
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsids.
1 (bases 1 to 25)
REFERENCE
AUTHORS 1 Ju, J.
TITLE Sets of labeled energy transfer fluorescent primers and their use
in multi component analysis
JOURNAL Patent: JP 2001509271-A 1 10-JUL-2001;
INCYTE PHARMACEUTICALS INC
COMMENT
PN UP 2001509271-A/1
PD 10-JUL-2001
PR 12-DEC-1997 JP 1998534358
PR 15-JAN-1997 US 08/784162

PI JINGTUB JU
PC G01N21/78,C12N15/09,C12Q1/68,C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
FH Key Location/Qualifiers.
source 1.25
/organism="Arabidopsis thaliana"
/mol_type="genomic DNA"
/db_xref="taxon:3702"

Query Match 0.4%; Score 19.2; DB 1; Length 25;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATACAAAAAGAAAAA 5415
|||||
Db 24 TAAAAAAAAAAAAAAAAAAAAA 1

RESULT 39
LOCUS A51713 26 bp DNA linear PAT 10-MAR-1997
DEFINITION Sequence 19 from Patent WO9618744.
ACCESSION A51713
VERSION A51713.1 GI:2304517
KEYWORDS
SOURCE .
ORGANISM unidentified
unclassified.
REFERENCE 1 (bases 1 to 26)
AUTHORS Crouzet,J., Scherman,D. and Wils,P.
TITLE PURIFICATION OF A TRIPLE HELIX FORMATION WITH AN IMMOBILIZED OLIGONUCLEOTIDE
COMMENT Patent: WO 9618744-A 19 20-JUN-1996;
RHONE-POULENC-ROREX SA (FR)
Other publication AU 417896 960703
Other publication FR 2728264 960621.
FEATURES
source 1.26
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

JOURNAL
PATENT: WO 9618744-A 19 20-JUN-1996;
RHONE-POULENC-ROREX SA (FR)
Other publication AU 417896 960703
Other publication FR 2728264 960621.
LOCATION/QUALIFIERS
1.26
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 1.5e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAATCA 1203
|||||
Db 26 AGAGAGAGAGAGAGAGAGAGCA 3

RESULT 40
LOCUS AR167592 26 bp DNA linear PAT 17-DEC-2001
DEFINITION Sequence 19 from patent US 6287762.
ACCESSION AR167592
VERSION AR167592.1 GI:11903381
KEYWORDS
SOURCE .
ORGANISM Unknown.
unclassified.
REFERENCE 1 (bases 1 to 26)
AUTHORS Crouzet,J., Scherman,D. and Wils,P.
TITLE Purification of a triple helix formation with an immobilized oligonucleotide
COMMENT Patent: US 6287762-A 19 11-SEP-2001;
LOCATION/QUALIFIERS
1.26
/organism="unknown"
/mol_type="unassigned DNA"

JOURNAL
PATENT: US 6287762-A 19 11-SEP-2001;
LOCATION/QUALIFIERS
1.26
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 1.5e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAATCA 1203
|||||
Db 26 AGAGAGAGAGAGAGAGAGCA 3

RESULT 41
LOCUS AR174581 26 bp DNA linear PAT 17-DEC-2001
DEFINITION Sequence 38 from patent US 6307024.
ACCESSION AR174581
VERSION AR174581.1 GI:17914901
KEYWORDS
SOURCE .
ORGANISM Unknown.
unclassified.
REFERENCE 1 (bases 1 to 26)
AUTHORS Novak,J.E., Presnell,S.R., Sprecher,C.A., Foster,D.C., Holly,R.D., Gross,J.A., Johnston,J.V., Nelson,A.J., Dillon,S.R. and Hammond,A.K.
TITLE Cytokine zaldphall ligand
COMMENT Patent: US 6307024-A 38 23-OCT-2001;
LOCATION/QUALIFIERS
1.26
/organism="unknown"
/mol_type="unassigned DNA"

JOURNAL
PATENT: US 6307024-A 38 23-OCT-2001;
LOCATION/QUALIFIERS
1.26
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 1.5e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATACAAAAAGAAAAA 5415
|||||
Db 26 TAAAAAAAAAAAAAAAAAAAAA 3

RESULT 42
LOCUS AR178302 26 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 19 from patent US 6319672.
ACCESSION AR178302
VERSION AR178302.1 GI:20219440
KEYWORDS
SOURCE .
ORGANISM Unknown.
unclassified.
REFERENCE 1 (bases 1 to 26)
AUTHORS Crouzet,J., Scherman,D., Wils,P., Blanche,F. and Cameron,B.
TITLE Purification of a triple helix formation with an immobilized oligonucleotide
COMMENT Patent: US 6319672-A 19 20-NOV-2001;
LOCATION/QUALIFIERS
1.26
/organism="unknown"
/mol_type="unassigned DNA"

JOURNAL
PATENT: US 6319672-A 19 20-NOV-2001;
LOCATION/QUALIFIERS
1.26
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 1.5e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAATCA 1203
|||||
Db 26 AGAGAGAGAGAGAGAGAGCA 3

RESULT 43
LOCUS BD248974 26 bp DNA linear PAT 17-JUL-2003
DEFINITION Novel cytokine ZALPHALL ligand.
ACCESSION BD248974

VERSION BD248974.1 GI:33058744
KEYWORDS JP 2002537839-A/35.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 26)
AUTHORS Novak,J.E., Presnell,S.R., Sprecher,C.A., Foster,D.C., Holly,R.D., Gross,J.A., Johnston,J.V., Nelson,A.J., Dillon,S.R. and Hammond,A.K.
TITLE Novel cytokine ZALPHA11 ligand
JOURNAL Patent: JP 2002537839-A 35 12-NOV-2002;
COMMENT ZYMOGENETICS INC
OS Artificial Sequence
PN JP 2002537839-A/35
PD 12-NOV-2002
PP 09-MAR-2000 JP 200603382
PR 09-MAR-1999 US 09/264908,11-MAR-1999 US 09/265992 PR
PI JUL-1999 US 60/142013
PI JULIA E NOVAK,SCOTT R PRESNELL,CINDY A SPRACHER,DONALD C PI
FOSTER,
PI RICHARD D HOLLY,JANE A GROSS,JANET V JOHNSTON,ANDREW J NELSON,
PI STACEY R DILLON,ANGELA K HAMMOND
PC C12N15/09,A61K38/00,A61K45/00,A61P37/00,C07K14/52,
PC C07K14/53,
PC C07K14/54,C07K14/55,C07K16/24,C07K19/00,C12N1/15,C12N1/19, PC
C12N1/21,
PC C12N5/10,C12P21/02,C12P21/02,G01N33/53,C12N15/00,C12N5/00, PC
A61K37/02
CC Oligonucleotide primer ZC7764a
FH Key Location/Qualifiers
FT source 1..26
/organism='Artificial Sequence'.
1..26
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 1.5e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATACAAAAAGAAAAA 5415
DB 26 TAAAAAATACAAAAAGAAAAA 3

RESULT 44
LOCUS I79494 26 bp DNA linear PAT 10-JUN-1998
DEFINITION Sequence 1 from patent US 5707807.
ACCESSION I79494
VERSION I79494.1 GI:3207784
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 26)
AUTHORS Kato,K.
TITLE Molecular indexing for expressed gene analysis
JOURNAL Patent: US 5707807-A 1 13-JAN-1998;
FEATURES
source 1..26
/organism='unknown'
/mol_type='unassigned DNA'

Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 1.5e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATACAAAAAGAAAAA 5415
DB 26 TAAAAAATACAAAAAGAAAAA 3

RESULT 45
LOCUS AR263648/26 bp DNA linear PAT 29-JUN-2003
DEFINITION Sequence 7 from patent US 6331413.
ACCESSION AR263648
VERSION AR263648.1 GI:28075581
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 26)
AUTHORS Adler,D.A. and Sheppard,P.O.
TITLE Secreted salivary ZS163 Polypeptide
JOURNAL Patent: US 6331413-A 7 18-DEC-2001;
FEATURES
source 1..26
/organism='unknown'
/mol_type='genomic DNA'

Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 1.5e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATACAAAAAGAAAAA 5415
DB 26 TAAAAAATACAAAAAGAAAAA 3

RESULT 46
LOCUS AR374073/26 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 38 from patent US 6605272.
ACCESSION AR374073
VERSION AR374073.1 GI:40076645
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 26)
AUTHORS Novak,J.E., Presnell,S.R., Sprecher,C.A., Foster,D.C., Holly,R.D., Gross,J.A., Johnston,J.V., Nelson,A.J., Dillon,S.R. and Hammond,A.K.
TITLE Methods of using zalphal1 ligand
JOURNAL Patent: US 6605272-A 38 12-AUG-2003;
FEATURES
source 1..26
/organism='unknown'
/mol_type='genomic DNA'

Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 1.5e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATACAAAAAGAAAAA 5415
DB 26 TAAAAAATACAAAAAGAAAAA 3

RESULT 47
LOCUS AR456223/26 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 38 from patent US 6686178.
ACCESSION AR456223
VERSION AR456223.1 GI:42691246
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 26)
AUTHORS Novak,J.E., Presnell,S.R., Sprecher,C.A., Foster,D.C., Holly,R.D., Gross,J.A., Johnston,J.V., Nelson,A.J., Dillon,S.R. and

TITLE Hammond,A.K.
JOURNAL Cytokine zalphal1 ligand polynucleotides
FEATURES Patent: US 6686178-A 38 03-FEB-2004;
source Location/Qualifiers
1..26
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 1.5e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATTCAGAAAAAGAAAAA 5415
DB 26 TAAAAAATTCAGAAAAAGAAAAA 3

RESULT 48
AX106717/c 26 bp DNA linear PAT 30-APR-2001
LOCUS AX106717
DEFINITION Sequence 9 from Patent WO0125444.
ACCESSION AX106717
VERSION AX106717.1 GI:13922378
KEYWORDS
SOURCE . synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Presnell,S.R., Novak,J.E. and Gao,Z.
TITLE Human phosphodiesterase zcytor13
JOURNAL Patent: WO 0125444-A 9 12-APR-2001;
ZymoGenetics, Inc. (US)
FEATURES Location/Qualifiers
1..26
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide primer ZC7764b"

Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 1.5e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATTCAGAAAAAGAAAAA 5415
DB 26 TAAAAAATTCAGAAAAAGAAAAA 3

RESULT 49
AX323384/c 26 bp DNA linear PAT 07-JAN-2002
LOCUS AX323384
DEFINITION Sequence 19 from Patent WO0192511.
ACCESSION AX323384
VERSION AX323384.1 GI:18094146
KEYWORDS . synthetic construct
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Crouzet,J., Scherman,D., Wils,P., Blanche,F. and Cameron,B.
TITLE Purification of a triple helix formation with an immobilized
JOURNAL oligonucleotide
PATENT: WO 0192511-A 19 06-DEC-2001;
Aventis Pharma (FR)
FEATURES Location/Qualifiers
1..26
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic oligonucleotide"

Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 1.5e+02;

Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1180 AGAGAAAGAGAGAGAGAAATCA 1203
DB 26 AGAGAGAGAGAGAGAGAGAGCA 3

RESULT 50
AX686854/c 26 bp DNA linear PAT 29-MAR-2003
LOCUS AX686854
DEFINITION Sequence 19 from Patent EP1281774.
ACCESSION AX686854
VERSION AX686854.1 GI:29372395
KEYWORDS . unidentified
SOURCE unidentified
ORGANISM unidentified

REFERENCE 1
AUTHORS Crouzet,J., Scherman,D. and Wils,P.
TITLE Purification of a triple helix formation with an immobilized
JOURNAL oligonucleotide
PATENT: EP 1281774-A 19 05-FEB-2003;
Aventis Pharma S.A. (FR)
FEATURES Location/Qualifiers
1..26
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.4%; Score 19.2; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 1.5e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAATCA 1203
DB 26 AGAGAGAGAGAGAGAGAGAGCA 3

RESULT 51
S6486283 27 bp DNA linear PRI 17-DEC-1993
LOCUS S6486283
DEFINITION alpha 1-theta 1 globin intergenic region (3' alpha 1-Alu 1 repeat)
[Hyllobates sp.=gibbons, Genomic, 27 nt, segment 3 of 5].
ACCESSION S64864
VERSION S64864.1 GI:415419
KEYWORDS . 3 of 5
SEGMENT Hyllobates sp. (gibbon)
SOURCE Hyllobates sp.
ORGANISM Hyllobates sp.
REFERENCE 1
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE Mammalia; Eutheria; Primates; Catarrhini; Hyllobatidae; Hyllobates.
JOURNAL Sequential insertion of Alu family repeats into specific genomic
MEDLINE sites of higher primates
PUBMED Proc. Natl. Acad. Sci. U.S.A. 90 (15), 7205-7209 (1993)
REMARK 8394013
entry Genbank straff at the National Library of Medicine created this
entry [NCBI glibdbg 13653] from the original journal article.
FEATURES Location/Qualifiers
1..27
/organism="Hyllobates sp."
/mol_type="genomic DNA"
/db_xref="taxon:9581"

Query Match 0.4%; Score 19.2; DB 1; Length 27;
Best Local Similarity 87.5%; Pred. No. 1.5e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATTCAGAAAAAGAAAAAT 5416
DB 3 AAAAAAATTCAGAAAAAGAAAAAT 26

RESULT 52
AR090983/c AR198018/c 27 bp DNA linear PAT 07-SEP-2000
LOCUS AR090983 Sequence 1103 from patent US 5994076.
DEFINITION AR198018
ACCESSION AR198018
VERSION AR090983.1 GI:10017738
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 27)
AUTHORS Chenchik,A., Jokhadze,G. and Bibilashvili,R.
TITLE Methods of assaying differential expression
JOURNAL Patent: US 5994076-A 1103 30-NOV-1999;
FEATURES
source 1. .27
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 19; DB 1; Length 27;
Best Local Similarity 81.5%; Pred. No. 1.6e+02;
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
Qy 118 CTTGCAGCTCAAGGTTGATCTCAGGA 144
Db 27 CTTGCCGCTCAAGATTGAGATGAGGA 1

RESULT 53
E04985 AR260172/c 27 bp DNA linear PAT 29-SEP-1997
LOCUS E04985
DEFINITION DNA sequence of 3' terminal fragment of ITR.
ACCESSION E04985
VERSION E04985.1 GI:2173180
KEYWORDS JP 1993103673-A/79.
SOURCE JP 1993103673-A/79.
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 27)
AUTHORS Sengu,K.Y. and Ito,S.
TITLE REPLICATION OF DNA
JOURNAL Patent: JP 1993103673-A 79 27-APR-1993;
ARIZONA BOARD OF REGENTS
COMMENT OS Artificial gene
OC Artificial sequence; Genes.
PN JP 1993103673-A/79
PD 27-APR-1993
PF 26-AUG-1991 JP 1991240525
PI SENGU KUU YUU, ITO SUMIYOSHI
PC C12N15/10,C12N15/11//C12Q1/68;
CC strandedness: Single;
CC topology: linear;
FH Key
FT misc_feature 1. .27
FT Location/Qualifiers
1. .27
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 19; DB 1; Length 27;
Best Local Similarity 81.5%; Pred. No. 1.6e+02;
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
Qy 5389 AATTAAATAATTCAGAAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 27

RESULT 54
AR198018/c AR198018 27 bp DNA linear PAT 20-APR-2002
LOCUS AR198018 Sequence 1103 from patent US 6352829.
DEFINITION AR198018
ACCESSION AR198018
VERSION AR198018.1 GI:20247867
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 27)
AUTHORS Chenchik,A., Jokhadze,G. and Bibilashvili,R.
TITLE Methods of assaying differential expression
JOURNAL Patent: US 6352829-A 1103 05-MAR-2002;
FEATURES
source 1. .27
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 19; DB 1; Length 27;
Best Local Similarity 81.5%; Pred. No. 1.6e+02;
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
Qy 118 CTTGCAGCTCAAGGTTGATCTCAGGA 144
Db 27 CTTGCCGCTCAAGATTGAGATGAGGA 1

RESULT 55
AR260172 AR260172 27 bp DNA linear PAT 20-DEC-2002
LOCUS AR260172 Sequence 1103 from patent US 6489455.
DEFINITION AR260172
ACCESSION AR260172
VERSION AR260172.1 GI:27310683
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 27)
AUTHORS Chenchik,A., Jokhadze,G. and Bibilashvili,R.
TITLE Methods of assaying differential expression
JOURNAL Patent: US 6489455-A 1103 03-DEC-2002;
FEATURES
source 1. .27
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 19; DB 1; Length 27;
Best Local Similarity 81.5%; Pred. No. 1.6e+02;
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
Qy 118 CTTGCAGCTCAAGGTTGATCTCAGGA 144
Db 27 CTTGCCGCTCAAGATTGAGATGAGGA 1

RESULT 56
AX104719/c AX104719 27 bp DNA linear PAT 30-APR-2001
LOCUS AX104719 Sequence 911 from Patent WO0122972.
DEFINITION AX104719
ACCESSION AX104719
VERSION AX104719.1 GI:13920916
KEYWORDS
SOURCE synthetic construct
artificial sequences.
ORGANISM
REFERENCE 1
AUTHORS Krieg,A.M., Schetter,C. and Vollmer,J.C.
TITLE Immunostimulatory nucleic acids
JOURNAL Patent: WO 0122972-A 911 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
GmbH (DE)
FEATURES Location/Qualifiers

source 1. .27
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 19; DB 1; Length 27;
Best Local Similarity 81.5%; Pred. No. 1.6e+02;
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5389 AATTAAAAAATACAAAAAGAAAAA 5415
DB 27 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 57
AX355814/c 27 bp DNA linear PAT 06-FEB-2002
LOCUS Sequence 842 from Patent WO0197843.
ACCESSION AX355814
VERSION AX355814.1 GI:18620482
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Weiner, G. and Hartmann, G.
TITLE Methods for enhancing antibody-induced cell lysis and treating cancer
JOURNAL Patent: WO 0197843-A 842 27-DEC-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
FEATURES
source 1. .27
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic oligonucleotide-phosphorothioate backbone"

Query Match 0.3%; Score 19; DB 1; Length 27;
Best Local Similarity 81.5%; Pred. No. 1.6e+02;
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5389 AATTAAAAAATACAAAAAGAAAAA 5415
DB 27 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 58
AX547772/c 27 bp DNA linear PAT 01-MAR-2003
LOCUS Sequence 911 from Patent WO02053141.
DEFINITION AX547772
ACCESSION AX547772
VERSION AX547772.1 GI:25812916
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Bratzler, R.L.
TITLE Inhibition of angiogenesis by nucleic acids
JOURNAL Patent: WO 02053141-A 911 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
FEATURES
source 1. .27
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Sequence"

Query Match 0.3%; Score 19; DB 1; Length 27;
Best Local Similarity 81.5%; Pred. No. 1.6e+02;
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5389 AATTAAAAAATACAAAAAGAAAAA 5415
DB 27 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 59
AR409904/c 22 bp RNA linear PAT 18-DEC-2003
LOCUS Sequence 17 from patent US 6635422.
DEFINITION AR409904
ACCESSION AR409904
VERSION AR409904.1 GI:40161039
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 22)
AUTHORS Keene, J.D., Tenenbaum, S.A. and Carson, C.C.
TITLE Methods for isolating and characterizing endogenous mRNA-protein (mRNP) complexes
JOURNAL Patent: US 6635422-A 17 21-OCT-2003;
FEATURES
source 1. .22
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 0.3%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5394 AAAAAATACAAAAAGAAAAA 5415
DB 22 AAAAAATACAAAAATAAAAA 1

RESULT 60
AR409906/c 22 bp RNA linear PAT 18-DEC-2003
LOCUS Sequence 19 from patent US 6635422.
DEFINITION AR409906
ACCESSION AR409906
VERSION AR409906.1 GI:40161041
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 22)
AUTHORS Keene, J.D., Tenenbaum, S.A. and Carson, C.C.
TITLE Methods for isolating and characterizing endogenous mRNA-protein (mRNP) complexes
JOURNAL Patent: US 6635422-A 19 21-OCT-2003;
FEATURES
source 1. .22
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 0.3%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5394 AAAAAATACAAAAAGAAAAA 5415
DB 22 AAAAAATACAAAAATAAAAA 1

RESULT 61
BD234336/c 25 bp DNA linear PAT 17-JUL-2003
LOCUS Improved method for inserting nucleic acid into cyclic vector.
DEFINITION BD234336
ACCESSION BD234336
VERSION BD234336.1 GI:33044106
KEYWORDS JP 2002532085-A/9.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Coley Pharmaceutical Group, Inc. (US)
TITLE Inhibition of angiogenesis by nucleic acids
JOURNAL Patent: WO 02053141-A 911 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
FEATURES
source 1. .27
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Sequence"

REFERENCE 1 (bases 1 to 25)
AUTHORS Romanchikov Y
TITLE Improved method for inserting nucleic acid into cyclic vector
JOURNAL Patent: JP 2002532085-A 9 02-OCT-2002;
YURI ROMANTCHIKOV
COMMENT OS Artificial Sequence
PN JP 2002532085-A/9
PD 02-OCT-2002
PP 17-DEC-1999 JP 2000588337
PR 17-DEC-1998 US 09/213834
PI YURI ROMANTCHIKOV
PC C12N15/09, C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12N5/00, C12N5/00
CC Cloning Vector
FH Key Location/Qualifiers
FT source 1..25 /organism='Artificial Sequence',
location/Qualifiers
1..25 /organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 18.8; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.7e+02;
Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAGAGAAAAAT 5416
DB 24 AAAAAAAAAAAAAAAAAAAAAAAAY 1

RESULT 62
LOCUS AR098647 26 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 5 from patent US 6077668.
ACCESSION AR098647
VERSION AR098647.1 GI:12808413
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 26)
AUTHORS Kool, E. T.
TITLE Highly sensitive multimeric nucleic acid probes
JOURNAL Patent: US 6077668-A 5 20-JUN-2000;
FEATURES Location/Qualifiers
1..26 /organism='unknown'
source /mol_type='unassigned DNA'

Query Match 0.3%; Score 18.8; DB 1; Length 26;
Best Local Similarity 90.9%; Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAGAGAAAA 5414
DB 5 AAAAAAAAAACAAAGAGAAAAA 26

RESULT 63
LOCUS AR204721 26 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 5 from patent US 6368802.
ACCESSION AR204721
VERSION AR204721.1 GI:21502120
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 26)
AUTHORS Kool, E. T.
TITLE Circular DNA vectors for synthesis of RNA and DNA

JOURNAL Patent: US 6368802-A 5 09-APR-2002;
FEATURES Location/Qualifiers
source 1..26 /organism='unknown'
/mol_type='unassigned DNA'

Query Match 0.3%; Score 18.8; DB 1; Length 26;
Best Local Similarity 90.9%; Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAGAGAAAA 5414
DB 5 AAAAAAAAAACAAAGAGAAAAA 26

RESULT 64
LOCUS BD244864 25 bp DNA linear PAT 17-JUL-2003
DEFINITION Oligonucleotide primer capable of making the non-specific double strand formation unstable.
ACCESSION BD244864
VERSION BD244864.1 GI:33054634
KEYWORDS JP 2002532063-A/9.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 25)
AUTHORS Pelletier, J. and Dag, M.
TITLE Oligonucleotide primer capable of making the non-specific double strand formation unstable
JOURNAL Patent: JP 2002532063-A 9 02-OCT-2002;
MCGILL UNIVERSITY
COMMENT OS Artificial Sequence
PN JP 2002532063-A/9
PD 02-OCT-2002
PP 06-OCT-1999 JP 2000574722
PR 07-OCT-1998 CA 2246623
PI JERRY PELLETIER, MANJULA DAS
PC C12N15/09, C12Q1/68, C12N15/00
CC Description of Artificial Sequence: synthetic oligonucleotide
FH Key Location/Qualifiers
FT source 1..25 /organism='Artificial Sequence',
location/Qualifiers
1..25 /organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 1.8e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5391 TTTAAAAAATACAAAAAGAAAAA 5415
DB 1 TTTAAAAAATCAAAAAAGAAAAA 25

RESULT 65
LOCUS CQ628551 25 bp DNA linear PAT 02-FEB-2004
DEFINITION Sequence 13291 from Patent WO0192524.
ACCESSION CQ628551
VERSION CQ628551.1 GI:41678769
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Buktayota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
TITLE Gu, Y., Ji, Y., Penn, S. G., Hanzel, D. K., Rank, D. R., Chen, W. and Shannon, M. E.
Myosin-like gene expressed in human heart and muscle

JOURNAL Patent: WO 0192524-A 13291 06-DEC-2001;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
source 1..25
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 1.8e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3475 AGCAGCGGAAACCAAGTGTGATGA 3499
Db 1 AGCAGAGTGAGCCAGAGTGTGAGGA 25
|||||
|||||

RESULT 66
LOCUS AR434730 25 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 1153 from patent US 6656700.
ACCESSION AR434730
VERSION AR434730.1 GI:40197573
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 25)
AUTHORS Gu Y. and Shannon, M.E.
TITLE Isoforms of human pregnancy-associated protein-E
JOURNAL Patent: US 6656700-A 1153 02-DEC-2003;
FEATURES Location/Qualifiers
source 1..25
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 1.8e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5410 AAAAAATGAATTAAGATAGAGA 5434
Db 1 AAGAAATGAATTAAGATAGAGA 25
|||||
|||||

RESULT 67
LOCUS AR469614 25 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 13291 from patent US 6686188.
ACCESSION AR469614
VERSION AR469614.1 GI:42704671
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 25)
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 13291 03-FEB-2004;
FEATURES Location/Qualifiers
source 1..25
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 1.8e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3475 AGCAGCGGAAACCAAGTGTGATGA 3499
Db 1 AGCAGAGTGAGCCAGAGTGTGAGGA 25
|||||
|||||

RESULT 68
LOCUS AX500811 25 bp DNA linear PAT 27-SEP-2002
DEFINITION Sequence 2118 from Patent EP1229046.
ACCESSION AX500811
VERSION AX500811.1 GI:23383104
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: BP 1229046-A 2118 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
source 1..25
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 1.8e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 770 GCGCCCAAGCCCAAGAGGCGCAGG 794
Db 1 GAGCCCAAGCCCAAGCGCGGCGCG 25
|||||
|||||

RESULT 69
LOCUS AX391871 24 bp DNA linear PAT 23-MAR-2002
DEFINITION Sequence 21 from Patent WO0216618.
ACCESSION AX391871
VERSION AX391871.1 GI:19700451
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Basten, D., Dekker, P.J., Schuurhuizen, P.W., Schaap, P.J. and Visser, J.
TITLE Aminopeptidase
JOURNAL Patent: WO 0216618-A 21 28-FEB-2002;
DSM N.V. (NL)
FEATURES Location/Qualifiers
source 1..24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:33630"
/note="RT reaction primer"

Query Match 0.3%; Score 18.4; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.9e+02;
Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATCAAAAAAGAAAAA 5415
Db 24 BAAAAAATCAAAAAAAGAAAAA 1
:|||||
:|||||

RESULT 70
LOCUS BD237566/c 26 bp DNA linear PAT 17-UTL-2003
DEFINITION Genes and proteins predicting and creating fil, hypertension, diabetes and obesity.
ACCESSION BD237566
VERSION BD237566.1 GI:33047336
KEYWORDS JP 2002525115-A/1.


```

SOURCE      synthetic construct
ORGANISM    artificial construct
REFERENCE   1 (bases 1 to 26)
AUTHORS     Shinkets,R.A.
TITLE       Genes and proteins predicting and treating flt, hypertension,
            diabetes and obesity
JOURNAL     Patent: JP 2002525115-A 1 13-AUG-2002;
            CURAGEN CORP
COMMENT     OS Artificial Sequence
            PN JP 2002525115-A/1
            PD 13-AUG-2002
            PF 28-SEP-1999 JP 200572365
            PR 28-SEP-1998 US 09/161939
            PI RICHARD A SHINKETS
            PC C12N15/09,A01K67/027,A61K31/7088,A61K38/00,A61K39/395,A61K39/
            PC 395,
            PC A61K39/395,A61K48/00,A61P3/04,A61P3/06,A61P9/10,A61P9/12, PC
            A61P43/00,
            PC C07K14/47,C07K16/18,C12N9/10,C12N9/88,C12Q1/25,C12Q1/52 PC
            PC G01N33/50,C12N15/00,A61K37/02
            CC Description of Artificial Sequence: oligo(dT)<25>v FH Key
FEATURES
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                   /location/Qualifiers
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                   /organism="synthetic construct"
                   /mol_type="genomic DNA"
                   /db_xref="taxon:32630"

Query Match      0.3%; Score 18.4; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy      5392 TAAAAAATACAAAAAGAAAAA 5415
Db      26 BAAAAAAAAAAAAAAAAAAAAA 3

RESULT 71
LOCUS      AR257336 26 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 43 from patent US 6486299.
ACCESSION  AR257336
VERSION     AR257336.1 GI:27307233
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 26)
AUTHORS     Shinkets,R.A.
TITLE       Genes and proteins predictive and therapeutic for stroke,
            hypertension, diabetes and obesity
JOURNAL     Patent: US 6486299-A 43 26-NOV-2002;
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                   /organism="Unknown"
                   /mol_type="genomic DNA"

Query Match      0.3%; Score 18.4; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy      5392 TAAAAAATACAAAAAGAAAAA 5415
Db      26 BAAAAAAAAAAAAAAAAAAAAA 3

RESULT 72
LOCUS      AR63647/c 26 bp DNA linear PAT 29-JAN-2003

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DEFINITION Sequence 6 from patent US 6331413.
ACCESSION  AR263647
VERSION     AR263647.1 GI:28075580
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 26)
AUTHORS     Adler,D.A. and Sheppard,P.O.
TITLE       Secreted salivary ZS1G63 Polypeptide
JOURNAL     Patent: US 6331413-A 6 18-DEC-2001;
FEATURES
  source          1..26
                   /organism="Unknown"
                   /mol_type="genomic DNA"

Query Match      0.3%; Score 18.4; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy      5392 TAAAAAATACAAAAAGAAAAA 5415
Db      26 BAAAAAAAAAAAAAAAAAAAAA 3

RESULT 73
LOCUS      AX814950/c 26 bp DNA linear PAT 05-DEC-2003
DEFINITION Sequence 36 from Patent WO03064691.
ACCESSION  AX814950
VERSION     AX814950.1 GI:39104088
KEYWORDS
SOURCE      synthetic construct
ORGANISM    synthetic construct
REFERENCE   1
AUTHORS     Linarsson,S., Ernfors,P., Bauren,G., Metsls,A., Pihlak,A. and
            Montelius,A.
TITLE       Methods and means for manipulating nucleic acid
JOURNAL     Patent: WO 03064691-A 36 07-AUG-2003;
            Global Genomics AB (SE)
FEATURES
  source          1..26
                   /organism="synthetic construct"
                   /mol_type="unassigned DNA"
                   /db_xref="taxon:32630"
                   /note="Description of Artificial Sequence: Primer"

misc_feature      26
                   /note="v is a, c or g"

Query Match      0.3%; Score 18.4; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy      5392 TAAAAAATACAAAAAGAAAAA 5415
Db      26 BAAAAAAAAAAAAAAAAAAAAA 3

RESULT 74
LOCUS      BD062456 26 bp DNA linear PAT 27-AUG-2002
DEFINITION A human 2-19 protein homologue, Z219A.
ACCESSION  BD062456
VERSION     BD062456.1 GI:22608059
KEYWORDS
SOURCE      JP 2001507946-A/4.
ORGANISM    synthetic construct
REFERENCE   1 (bases 1 to 26)
AUTHORS     Conklin,D.C. and Blumberg,H.
TITLE       A human 2-19 protein homologue, Z219A
JOURNAL     Patent: JP 2001507946-A 4 19-JUN-2001;

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COMMENT ZYMOGENETICS INC
OS Artificial Sequence
PN JP 2001507946-A/4
PD 19-JUN-2001
PF 06-OCT-1998 JP 1999522287
PR 06-OCT-1997 US 60/061712
PI DARRELL C CONKLIN, HALL BLUMBERG
PC C12N15/12, C12N15/62, C12N5/10, C07K14/47, C07K16/18, C12Q1/68, PC
A01K67/027
CC Oligonucleotide primer ZC7231
FH Key Location/Qualifiers.
FEATURES
source Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 18.4; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATACAAAAAGAAAAA 5415
Db 26 BAAAAAAAAAAAAAAAAAAAAA 3

RESULT 75
AR123791 23 bp DNA linear PAT 16-MAY-2001
LOCUS Sequence 7 from patent US 6171803.
DEFINITION AR123791
ACCESSION AR123791
VERSION AR123791.1 GI:14109152
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
1 (bases 1 to 23)
Kinet, J. Piere.
Isolation, characterization, and use of the human .beta. subunit of
the high affinity receptor for immunoglobulin E
JOURNAL Patent: US 6171803-A 7 09-JAN-2001,
FEATURES
source Location/Qualifiers
1..23
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 23;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5395 AAAAAATACAAAAAGAAAAATG 5417
Db 1 AATAAAAACAAAAAATG 23

RESULT 76
BD244857 23 bp DNA linear PAT 17-JUL-2003
LOCUS BD244857
DEFINITION Oligonucleotide primer capable of making the non-specific double
strand formation unstable.
ACCESSION BD244857
VERSION BD244857.1 GI:33054627
KEYWORDS JP 2002532063-A/2.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
1 (bases 1 to 23)
Pelletier, V. and Dag, M.
Oligonucleotide primer capable of making the non-specific double
strand formation unstable
JOURNAL Patent: JP 2002532063-A 2 02-OCT-2002;
COMMENT MCGILL UNIVERSITY
OS Artificial Sequence

PN JP 2002532063-A/2
PD 02-OCT-2002
PF 06-OCT-1999 JP 2000574722
PR 07-OCT-1998 CA 2246623
PI JERRY PELLETIER, MANJULA DAS
PC C12N15/09, C12Q1/68, C12N15/00
CC Description of Artificial Sequence: synthetic oligonucleotide
FH Key Location/Qualifiers
FT source 1..23
/organism="Artificial Sequence".
FEATURES
source Location/Qualifiers
1..23
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 18.2; DB 1; Length 23;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAAAAA 5415
Db 23 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 77
AR010037 24 bp DNA linear PAT 04-DEC-1998
LOCUS AR010037
DEFINITION Sequence 50 from patent US 5756684.
ACCESSION AR010037
VERSION AR010037.1 GI:3968842
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
1 (bases 1 to 24)
Johnson, E. M. and Bergemann, A. D.
Cloning and expression of PUR protein
JOURNAL Patent: US 5756684-A 50 26-MAY-1998;
FEATURES
source Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 78
AR034772 24 bp DNA linear PAT 29-SEP-1999
LOCUS AR034772
DEFINITION Sequence 50 from patent US 5869622.
ACCESSION AR034772
VERSION AR034772.1 GI:5950377
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
1 (bases 1 to 24)
Johnson, E. M. and Bergemann, A. D.
Monoclonal antibodies to the pur protein
JOURNAL Patent: US 5869622-A 50 09-FEB-1999;
FEATURES
source Location/Qualifiers
1..24
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 24;

Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAATCAAAAAAAAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 23

RESULT 79
LOCUS AR068465 24 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 1 from patent US 5853933.
ACCESSION AR068465
VERSION AR068465.1 GI:6000672
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 24)
AUTHORS Dellinger,D.J., Dahm,S.C. and Troll,M.A.
TITLE Signal enhancement method and kit
JOURNAL Patent: US 585393-A 1 29-DEC-1998;
FEATURES Location/Qualifiers
source 1..24
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAATCAAAAAAAAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 23

RESULT 80
LOCUS AR105984 24 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 7 from patent US 6103474.
ACCESSION AR105984
VERSION AR105984.1 GI:12820049
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 24)
AUTHORS Dellinger,D.J., Dahm,S.C., Isley,D.D., Ach,R.A. and Troll,M.A.
TITLE Hybridization assay signal enhancement
JOURNAL Patent: US 6103474-A 7 15-AUG-2000;
FEATURES Location/Qualifiers
source 1..24
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAATCAAAAAAAAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 23

RESULT 81
LOCUS AR107972 24 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 1 from patent US 6110682.
ACCESSION AR107972
VERSION AR107972.1 GI:12823459
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

Unclassified.
REFERENCE 1 (bases 1 to 24)
AUTHORS Dellinger,D.J., Dahm,S.C. and Troll,M.A.
TITLE Signal enhancement method and kit
JOURNAL Patent: US 6110682-A 1 29-AUG-2000;
FEATURES Location/Qualifiers
source 1..24
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAATCAAAAAAAAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 23

RESULT 82
LOCUS BD234330/c 24 bp DNA linear PAT 17-JUL-2003
DEFINITION Improved method for inserting nucleic acid into cyclic vector.
ACCESSION BD234330
VERSION BD234330.1 GI:33044100
KEYWORDS JP 2002532085-A/3.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 24)
AUTHORS Romanichkov,Y.
TITLE Improved method for inserting nucleic acid into cyclic vector
JOURNAL Patent: JP 2002532085-A 3 02-OCT-2002;
COMMENT YURI ROMANTCHIKOV
OS Artificial Sequence
PN JP 2002532085-A/3
PD 02-OCT-2002
PF 17-DEC-1999 JP 200588337
PR 17-DEC-1998 US 09/213834
PI YURI ROMANTCHIKOV
PC C12N15/09,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12N5/00,C12N5/02
PC 00
CC Cloning Vector
FH Key
FT source 1..24
Location/Qualifiers
FT Location/Qualifiers
1..24
/organism="Artificial Sequence".
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAATCAAAAAAAAAAGAAAAA 5415
Db 24 AAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 83
LOCUS CQ482966/c 24 bp DNA linear PAT 30-JAN-2004
DEFINITION Sequence 14833 from Patent WO0160860.
ACCESSION CQ482966
VERSION CQ482966.1 GI:41448585
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 Mammalia; Euthera; Primates; Carnivora; Homiidae; Homo.

AUTHORS Schlegel,R., Endege,W.O. and Monahan,J.E.
TITLE Genes differentially expressed in human prostate cancer and their
use

JOURNAL Patent: WO 0160860-A 14933 23-AUG-2001;

FEATURES Millennium Predictive Medicine, Inc. (US)

source Location/Qualifiers

1. .24

/organism="Homo sapiens"

/mol_type="unassigned DNA"

/db_xref="taxon:9606"

Query Match 0.3%; Score 18.2; DB 1; Length 24;

Best Local Similarity 87.0%; Pred. No. 2e+02;

Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATCAAAAAAGAAAAA 5415

Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 84

LOCUS 124762 24 bp DNA linear PAT 07-OCT-1996

DEFINITION Sequence 25 from patent US 5545551.

ACCESSION 124762

VERSION 124762.1 GI:1604632

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 24)

AUTHORS Johnson,E.M. and Bergmann,A.D.

TITLE Cloning and expression of pur protein

JOURNAL Patent: US 5545551-A 25 13-AUG-1996;

FEATURES Location/Qualifiers

1. .24

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 24;

Best Local Similarity 87.0%; Pred. No. 2e+02;

Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATCAAAAAAGAAAAA 5415

Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 85

LOCUS ARI84443 24 bp DNA linear PAT 20-APR-2002

DEFINITION Sequence 11 from patent US 6346384.

ACCESSION ARI84443

VERSION ARI84443.1 GI:20230408

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 24)

AUTHORS Pollner,R.B.

TITLE Real-time monitoring of PCR using LOCI

JOURNAL Patent: US 6346384-A 11 12-FEB-2002;

FEATURES Location/Qualifiers

1. .24

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 24;

Best Local Similarity 87.0%; Pred. No. 2e+02;

Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATCAAAAAAGAAAAA 5415

Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 86

LOCUS AR202876 24 bp DNA linear PAT 20-JUN-2002

DEFINITION Sequence 4 from patent US 6365346.

ACCESSION AR202876

VERSION AR202876.1 GI:21499117

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 24)

AUTHORS Patel,R. and Kurr,N.

TITLE Quantitative determination of nucleic acid amplification products

JOURNAL Patent: US 6365346-A 4 02-APR-2002;

FEATURES Location/Qualifiers

1. .24

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 24;

Best Local Similarity 87.0%; Pred. No. 2e+02;

Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATCAAAAAAGAAAAA 5415

Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 87

LOCUS AR213697 24 bp DNA linear PAT 25-SEP-2002

DEFINITION Sequence 4 from patent US 6406667.

ACCESSION AR213697

VERSION AR213697.1 GI:23310978

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 24)

AUTHORS Singh,S. and Ullman,E.F.

TITLE Chemiluminescent compositions for use in detection of multiple

JOURNAL Patent: US 6406667-A 4 18-JUN-2002;

FEATURES Location/Qualifiers

1. .24

/organism="unknown"

/mol_type="genomic DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 24;

Best Local Similarity 87.0%; Pred. No. 2e+02;

Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATCAAAAAAGAAAAA 5415

Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 88

LOCUS AR232949 24 bp DNA linear PAT 20-DEC-2002

DEFINITION Sequence 1 from patent US 6457426.

ACCESSION AR232949

VERSION AR232949.1 GI:27275296

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 24)

AUTHORS Cruson,I.

TITLE Front tube furrow opener attachment

JOURNAL Patent: US 6457426-A 1 01-OCT-2002;
 FEATURES Location/Qualifiers
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 /organism="unknown"
 /mol_type="genomic DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
 Best Local Similarity 87.0%; Pred. No. 2e+02;
 Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5415
 Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 99
 AR241846/c 24 bp DNA linear PAT 20-DEC-2002
 LOCUS AR241846/c
 DEFINITION Sequence 134 from patent US 6472154.
 ACCESSION AR241846
 VERSION AR241846.1 GI:27287658
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 24)
 AUTHORS Garner,H.R., Wren,J.D., Minna,J.D. and Fondon,J.W. III.
 TITLE Polymorphic repeats in human genes
 JOURNAL Patent: US 6472154-A 134 29-OCT-2002;
 FEATURES Location/Qualifiers
 source 1..24
 /organism="unknown"
 /mol_type="genomic DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
 Best Local Similarity 87.0%; Pred. No. 2e+02;
 Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5415
 Db 23 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 90
 AR261539 24 bp DNA linear PAT 29-JAN-2003
 LOCUS AR261539
 DEFINITION Sequence 6 from patent US 6322971.
 ACCESSION AR261539
 VERSION AR261539.1 GI:28072607
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 24)
 AUTHORS Chetverin,A.B. and Kramer,F.R.
 TITLE Oligonucleotide arrays and their use for sorting, isolating,
 sequencing, and manipulating nucleic acids
 JOURNAL Patent: US 6322971-A 6 27-NOV-2001;
 FEATURES Location/Qualifiers
 source 1..24
 /organism="unknown"
 /mol_type="genomic DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
 Best Local Similarity 87.0%; Pred. No. 2e+02;
 Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5391 TTTAAAAAATACAAAAAGAAAA 5413
 Db 2 TTTAAAAAATACAAAAAGAAAA 24

RESULT 91

AR340571 24 bp DNA linear PAT 17-AUG-2003
 LOCUS AR340571
 DEFINITION Sequence 4 from patent US 6573054.
 ACCESSION AR340571
 VERSION AR340571.1 GI:33732217
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 24)
 AUTHORS Patel,R. and Kurn,N.
 TITLE Quantitative determination of nucleic acid amplification products
 JOURNAL Patent: US 6573054-A 4 03-JUN-2003;
 FEATURES Location/Qualifiers
 source 1..24
 /organism="unknown"
 /mol_type="genomic DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
 Best Local Similarity 87.0%; Pred. No. 2e+02;
 Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5415
 Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 92
 AR345020 24 bp DNA linear PAT 17-AUG-2003
 LOCUS AR345020
 DEFINITION Sequence 1 from patent US 6582938.
 ACCESSION AR345020
 VERSION AR345020.1 GI:33741140
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 24)
 AUTHORS Su,X., Dong,H. and Ryder,T.B.
 TITLE Amplification of nucleic acids
 JOURNAL Patent: US 6582938-A 1 24-JUN-2003;
 FEATURES Location/Qualifiers
 source 1..24
 /organism="unknown"
 /mol_type="genomic DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
 Best Local Similarity 87.0%; Pred. No. 2e+02;
 Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5415
 Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 93
 AR364668/c 24 bp DNA linear PAT 03-SEP-2003
 LOCUS AR364668/c
 DEFINITION Sequence 1 from patent US 5399676.
 ACCESSION AR364668
 VERSION AR364668.1 GI:34427592
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 24)
 AUTHORS Froehler,B.
 TITLE Oligonucleotides with inverted polarity
 JOURNAL Patent: US 5399676-A 1 21-MAR-1995;
 FEATURES Location/Qualifiers
 source 1..24
 /organism="unknown"
 /mol_type="genomic DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5404 AAAAAAAAAATGAAAAATTAAG 5426
|||||
24 AAAAAAAAAAGAAAAAGAAAG 2

RESULT 94
LOCUS AR431310 24 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 4 from patent US 6651008.
ACCESSION AR431310
VERSION AR431310.1 GI:40193278
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 24)
AUTHORS Vaisberg,B.A., Adams,C.L., Sabry,J.H. and Crompton,A.M.
TITLE Database system including computer code for predictive cellular
JOURNAL bioinformatics
PATENT: US 6651008-A 4 18-NOV-2003;
FEATURES
source Location/Qualifiers
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/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATGCAAAAAAGAAAAA 5415
|||||
24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 95
LOCUS AX104241 24 bp DNA linear PAT 30-APR-2001
DEFINITION Sequence 433 from Patent WO0122972.
ACCESSION AX104241
VERSION AX104241.1 GI:13920438
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Krieg,A.M., Schetter,C. and Vollmer,J.C.
TITLE Immunostimulatory nucleic acids
JOURNAL Patent: WO 0122972-A 433 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
GmbH (DE)
FEATURES
source Location/Qualifiers
1..24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATGCAAAAAAGAAAAA 5415
|||||
24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 96
LOCUS AX104769 24 bp DNA linear PAT 30-APR-2001

DEFINITION Sequence 961 from Patent WO0122972.
ACCESSION AX104769
VERSION AX104769.1 GI:13920966
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Krieg,A.M., Schetter,C. and Vollmer,J.C.
TITLE Immunostimulatory nucleic acids
JOURNAL Patent: WO 0122972-A 961 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
GmbH (DE)
FEATURES
source Location/Qualifiers
1..24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATGCAAAAAAGAAAAA 5415
|||||
24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 97
LOCUS AX104770 24 bp DNA linear PAT 30-APR-2001
DEFINITION Sequence 962 from Patent WO0122972.
ACCESSION AX104770
VERSION AX104770.1 GI:13920967
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Krieg,A.M., Schetter,C. and Vollmer,J.C.
TITLE Immunostimulatory nucleic acids
JOURNAL Patent: WO 0122972-A 962 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
GmbH (DE)
FEATURES
source Location/Qualifiers
1..24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATGCAAAAAAGAAAAA 5415
|||||
24 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 98
LOCUS AX354553 24 bp DNA linear PAT 06-FEB-2002
DEFINITION Sequence 11 from Patent WO0173129.
ACCESSION AX354553
VERSION AX354553.1 GI:18619355
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Pollner,R.B.
TITLE Real time monitoring of PCR using loci
JOURNAL Patent: WO 0173129-A 11 04-OCT-2001;

FEATURES DADA BEHRING INC. (US)
Location/Qualifiers
source 1..24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide attached to beads"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 99
AX355813/c 24 bp DNA linear PAT 06-FEB-2002
LOCUS Sequence 841 from Patent WO0197843.
DEFINITION AX355813
ACCESSION AX355813
VERSION AX355813.1 GI:18620481
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Weiner, G. and Hartmann, G.
TITLE Methods for enhancing antibody-induced cell lysis and treating cancer
JOURNAL Patent: WO 0197843-A 841 27-DEC-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
Location/Qualifiers
source 1..24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic oligonucleotide-phosphorothioate backbone"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAAAA 5415
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 100
AX427163/c 24 bp DNA linear PAT 18-JUN-2002
LOCUS Sequence 12 from Patent WO0210374.
DEFINITION AX427163
ACCESSION AX427163
VERSION AX427163.1 GI:21530544
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Lin, S.L., Chuong, C.M. and Widelitz, R.B.
TITLE Gene silencing using mrna-cdna hybrids
JOURNAL Patent: WO 0210374-A 12 07-FEB-2002;
UNIVERSITY OF SOUTHERN CALIFORNIA (US)
Location/Qualifiers
source 1..24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Poly(dT) 24 primer"

Query Match 0.3%; Score 18.2; DB 1; Length 24;

Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAAAA 5415
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 101
AX428574 24 bp DNA linear PAT 20-JUN-2002
LOCUS Sequence 1 from Patent WO0184157.
DEFINITION AX428574
ACCESSION AX428574
VERSION AX428574.1 GI:21538485
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Pease, J.S., Cromer, R., Patel, R., Kurn, N. and de Keczzer, S.
TITLE Compositions for detection of multiple analytes
JOURNAL Patent: WO 0184157-A 1 08-NOV-2001;
Dade Behring Marburg GmbH (DE)
Location/Qualifiers
source 1..24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthesized"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 102
AX547294 24 bp DNA linear PAT 01-MAR-2003
LOCUS Sequence 433 from Patent WO02053141.
DEFINITION AX547294
ACCESSION AX547294
VERSION AX547294.1 GI:25812438
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Bratzler, R.L.
TITLE Inhibition of angiogenesis by nucleic acids
JOURNAL Patent: WO 02053141-A 433 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
Location/Qualifiers
source 1..24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Sequence"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAAAA 5415
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 103
AX547822/c 24 bp DNA linear PAT 01-MAR-2003
LOCUS AX547822

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DEFINITION Sequence 961 from Patent WO02053141.
ACCESSION AX547822
VERSION AX547822.1 GI:25812966
KEYWORDS
SOURCE
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 Bratzler, R.L.
AUTHORS Inhibition of angiogenesis by nucleic acids
TITLE Patent: WO 02053141-A 961 11-JUL-2002;
JOURNAL Coley Pharmaceutical Group, Inc. (US)
FEATURES
Location/Qualifiers
source
1..24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Sequence"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5415
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 104
AX547823
LOCUS AX547823 24 bp DNA linear PAT 01-MAR-2003
DEFINITION Sequence 962 from Patent WO02053141.
ACCESSION AX547823
VERSION AX547823.1 GI:25812967
KEYWORDS
SOURCE
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 Bratzler, R.L.
AUTHORS Inhibition of angiogenesis by nucleic acids
TITLE Patent: WO 02053141-A 962 11-JUL-2002;
JOURNAL Coley Pharmaceutical Group, Inc. (US)
FEATURES
Location/Qualifiers
source
1..24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Sequence"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 105
AX684290/c
LOCUS AX684290 24 bp DNA linear PAT 29-MAR-2003
DEFINITION Sequence 13 from Patent WO02059609.
ACCESSION AX684290
VERSION AX684290.1 GI:29371160
KEYWORDS
SOURCE
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 Mack, D.H., Gish, K.C. and Wilson, K.B.
AUTHORS Methods of diagnosing colorectal cancer and/or breast cancer,
TITLE compositions, and methods of screening for colorectal cancer and/or

```

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breast cancer modulators
JOURNAL Patent: WO 02059609-A 13 01-AUG-2002;
FEATURES
EOS Biotechnology, Inc. (US)
Location/Qualifiers
source
1..24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="T7-(dT)-24 primer"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5415
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 106
AX750585/c
LOCUS AX750585 24 bp DNA linear PAT 20-JUN-2003
DEFINITION Sequence 11 from Patent WO0221134.
ACCESSION AX750585
VERSION AX750585.1 GI:32133003
KEYWORDS
SOURCE
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 Mack, D. and Gish, K.C.
AUTHORS Methods of diagnosing breast cancer and screening for modulators
TITLE Patent: WO 0221134-A 11 14-MAR-2002;
JOURNAL EOS Biotechnology, Inc. (US)
FEATURES
Location/Qualifiers
source
1..24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="T7-(dT)-24 primer"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5415
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 107
AX829247/c
LOCUS AX829247 24 bp DNA linear PAT 12-DEC-2003
DEFINITION Sequence 140 from Patent WO02059377.
ACCESSION AX829247
VERSION AX829247.1 GI:39838972
KEYWORDS
SOURCE
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 Mack, D.H., Gish, K.C. and Afar, D.
AUTHORS Methods of diagnosis of breast cancer, compositions and methods of
TITLE screening for modulators of breast cancer
JOURNAL Patent: WO 02059377-A 140 01-AUG-2002;
FEATURES
EOS Biotechnology, Inc. (US)
Location/Qualifiers
source
1..24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of Artificial Sequence: T7-T24 oligo"
modified_base
8..24

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/note="t at positions 8-24 may be present or absent"
/mod_base=OTHER

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
DB 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 108
AX961624/C
LOCUS AX961624 24 bp DNA linear PAT 14-JAN-2004
DEFINITION Sequence 19 from Patent WO03101375.
ACCESSION AX961624
VERSION AX961624.1 GI:40881082
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 Lopez, R.A.
AUTHORS Immunostimulatory oligonucleotides and uses thereof
TITLE Patent: WO 03101375-A 19 11-DEC-2003;
JOURNAL IMMUNOTECH 8.A. (AR)

FEATURES
source
1. .24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Immunostimulatory oligonucleotide"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
DB 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 109
AX961629/C
LOCUS AX961629 24 bp DNA linear PAT 14-JAN-2004
DEFINITION Sequence 24 from Patent WO03101375.
ACCESSION AX961629
VERSION AX961629.1 GI:40881087
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 Lopez, R.A.
AUTHORS Immunostimulatory oligonucleotides and uses thereof
TITLE Patent: WO 03101375-A 24 11-DEC-2003;
JOURNAL IMMUNOTECH 8.A. (AR)

FEATURES
source
1. .24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Immunostimulatory oligonucleotide"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5403 AAAAAAGAAAAATGAAAAATAAA 5425
DB 23 AAAAAAACAATAATGAAAAA 1

RESULT 110
BD136714
LOCUS BD136714 24 bp DNA linear PAT 18-FEB-2002
DEFINITION Quantitative assay of nucleic acid amplification product.
ACCESSION BD136714
VERSION BD136714.1 GI:23231659
KEYWORDS JP 2002504350-A/4.
SOURCE synthetic construct
ORGANISM
REFERENCE
1 (bases 1 to 24)
AUTHORS Patel, R. and Kurn, N.
TITLE Quantitative assay of nucleic acid amplification product
JOURNAL Patent: JP 2002504350-A 4 12-FEB-2002;
COMMENT DADR BEHRING INC

COMMENT
OS Artificial Sequence
PN JP 2002504350-A/4
PD 12-FEB-2002
PE 17-FEB-1999 JP 200532556
PR 18-FEB-1998 US 09/025639
PI RAJESH PATEL, NURITH KURN
PC C12Q1/68, C12N15/09, C12N15/00
CC Synthetic DNA Probe
FH Key
FT misc binding (1). . (24).
Location/Qualifiers
1. .24
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
DB 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 111
AR105982/C
LOCUS AR105982 25 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 5 from patent US 6103474.
ACCESSION AR105982
VERSION AR105982.1 GI:12820047
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 25)
AUTHORS Dellinger, D.J., Dahm, S.C., Isley, D.D., Ach, R.A. and Troll, M.A.
TITLE Hybridization assay signal enhancement
JOURNAL Patent: US 6103474-A 5 15-AUG-2000;
JOURNAL Location/Qualifiers

FEATURES
source
1. .25
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAAA 5415
DB 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 112
BD187513
LOCUS BD187513 25 bp DNA linear PAT 17-JUL-2003
DEFINITION Probe carrier, Method and Apparatus for producing Probe carrier.

ACCESSION BD187513
VERSION BD187513.1 GI:32997252
KEYWORDS JP 2003014773-A/3.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 25)
AUTHORS Okamura,N., Okamoto,T. and Kameyama,M.
TITLE Probe carrier, Method and Apparatus for producing Probe carrier
JOURNAL Patent: JP 2003014773-A 3 15-JAN-2003;
CANON INC
COMMENT OS Artificial Sequence
PN JP 2003014773-A/3
PD 15-JAN-2003
PP 28-MAR-2002 JP 2002093024
PI nobuyuki Okamura,tadashi Okamoto,makoto Kameyama CC Designed
oligonucleotide to be hybridized with the designed CC
CC oligonucleotide
CC 'ttttttttttttttttttttt'
FEATURES
source Location/Qualifiers
1..25
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAAAAA 5415
Db 1 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 113
BD187514/c 25 bp DNA linear PAT 17-JUL-2003
LOCUS BD187514
DEFINITION Probe carrier, Method and Apparatus for producing Probe carrier.
ACCESSION BD187514
VERSION BD187514.1 GI:32997253
KEYWORDS JP 2003014773-A/4.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 25)
AUTHORS Okamura,N., Okamoto,T. and Kameyama,M.
TITLE Probe carrier, Method and Apparatus for producing Probe carrier
JOURNAL Patent: JP 2003014773-A 4 15-JAN-2003;
CANON INC
COMMENT OS Artificial Sequence
PN JP 2003014773-A/4
PD 15-JAN-2003
PP 28-MAR-2002 JP 2002093024
PI nobuyuki Okamura,tadashi Okamoto,makoto Kameyama CC Designed
oligonucleotide used as a probe to be stabilized CC on a surface
CC carrier
CC 'a'
FEATURES
source Location/Qualifiers
1..25
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAAAAA 5415
Db 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 114
BD204988/c 25 bp DNA linear PAT 17-JUL-2003
LOCUS BD204988
DEFINITION Protein array enabling site specification.
ACCESSION BD204988
VERSION BD204988.1 GI:33014758
KEYWORDS JP 2002510505-A/23.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 25)
AUTHORS Kuimelis,R.G. and Wagner,R.
TITLE Protein array enabling site specification
JOURNAL Patent: JP 2002510505-A 23 09-APR-2002;
PHYLLOS INC
COMMENT OS Artificial Sequence
PN JP 2002510505-A/23
PD 09-APR-2002
PP 31-MAR-1999 JP 2000542484
PR 03-APR-1998 US 60/080686
PI ROBERT G KUIMEELIS,RICHARD WAGNER
PC C12N15/09,C07H21/02,C07H21/04,C12M1/00,C12Q1/68,G01N33/566, PC
G01N33/68,
PC C12N15/00
CC Capture probe sequence
FH Key Location/Qualifiers
FT source 1..25
/organism='Artificial Sequence'.
FEATURES
source Location/Qualifiers
1..25
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAAAAA 5415
Db 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 115
I58009/c 25 bp DNA linear PAT 07-OCT-1997
LOCUS I58009
DEFINITION Sequence 2 from patent US 5610287.
ACCESSION I58009
VERSION I58009.1 GI:2483073
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 25)
AUTHORS Nikiforov,T. and Knapp,M.R.
TITLE Method for immobilizing nucleic acid molecules
JOURNAL Patent: US 5610287-A 2 11-MAR-1997;
FEATURES
source Location/Qualifiers
1..25
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAAAAA 5415
Db 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 116

196072/c
LOCUS 196072 25 bp DNA linear PAT 01-DEC-1998
DEFINITION Sequence 2 from patent US 5734020.
ACCESSION 196072
VERSION 196072.1 GI:3940542
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 25)
TITLE Wong, Y.N.
JOURNAL Production and use of magnetic porous inorganic materials
FEATURES Patent: US 5734020-A 2 31-MAR-1998;
source 1..25
Location/Qualifiers
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAGAGAAAAA 5415
Db 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 117
LOCUS AR288252 25 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 23 from patent US 6537749.
ACCESSION AR288252
VERSION AR288252.1 GI:31675536
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 25)
TITLE Kuimelis, R.G. and Wagner, R.
JOURNAL Addressable protein arrays
FEATURES Patent: US 6537749-A 23 25-MAR-2003;
source 1..25
Location/Qualifiers
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAGAGAAAAA 5415
Db 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 118
LOCUS AX500812 25 bp DNA linear PAT 27-SEP-2002
DEFINITION Sequence 2119 from Patent EP1229046.
ACCESSION AX500812
VERSION AX500812.1 GI:23383105
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
JOURNAL Human testis expressed patched like protein
FEATURES Patent: EP 1229046-A 2119 07-AUG-2002;
source 1..25
Location/Qualifiers

/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 772 GCCCAAGCCGAGGAGGCGAG 794
Db 2 GCCCAAGCCGAGGAGGCGAG 24

RESULT 119
LOCUS AX500813 25 bp DNA linear PAT 27-SEP-2002
DEFINITION Sequence 2120 from Patent EP1229046.
ACCESSION AX500813
VERSION AX500813.1 GI:23383106
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
JOURNAL Human testis expressed patched like protein
FEATURES Patent: EP 1229046-A 2120 07-AUG-2002;
source 1..25
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 772 GCCCAAGCCGAGGAGGCGAG 794
Db 1 GCCCAAGCCGAGGAGGCGAG 23

RESULT 120
LOCUS A63569 26 bp DNA linear PAT 12-MAR-1998
DEFINITION Sequence 10 from Patent WO9720924.
ACCESSION A63569
VERSION A63569.1 GI:3717224
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE Scagglante, B. and Quadrioglio, F.
TITLE A CLASS OF OLIGONUCLEOTIDES, THERAPEUTICALLY USEFUL AS ANTITUMORAL
JOURNAL AGENTS
PATENT: WO 9720924-A 10 12-JUN-1997;
COMMENT SAIKOM S R L (IT)
Other publication IT MI952539 19970604
Other publication AU 1175497 19970627.
FEATURES Location/Qualifiers
source 1..26
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAGAGAAAAA 5415

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Db      25 AAAAAAAAAAAAAAAAAAAAAA 3
RESULT 121
LOCUS   AR137712/c                      26 bp    DNA      linear    PAT 16-JUN-2001
DEFINITION Sequence 5 from patent US 6197554.
ACCESSION AR137712
VERSION   AR137712.1 GI:14479221
KEYWORDS
SOURCE   Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 26)
AUTHORS Lin,S.-T., Chuong,C.-M. and Ying,S.-Y.
TITLE    Method for generating full-length cDNA library from single cells
JOURNAL  Patent: US 6197554-A 5 06-MAR-2001;
FEATURES
source   1..26
/mol_type="unassigned DNA"

Query Match      0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5393 AAAAAAAAAACAAAGAAAAA 5415
Db      26 AAAAAAAAAAAAAAAAAAAAAA 4
RESULT 122
LOCUS   AR174582                      26 bp    DNA      linear    PAT 17-DEC-2001
DEFINITION Sequence 39 from patent US 6307024.
ACCESSION AR174582
VERSION   AR174582.1 GI:17914902
KEYWORDS
SOURCE   Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 26)
AUTHORS Novak,J.E., Presnell,S.R., Sprecher,C.A., Foster,D.C., Holly,R.D.,
        Gross,J.A., Johnston,J.V., Nelson,A.J., Dillon,S.R. and
        Hammond,A.K.
TITLE    Cytokine zalphal1 ligand
JOURNAL  Patent: US 6307024-A 39 23-OCT-2001;
FEATURES
source   1..26
/mol_type="unassigned DNA"

Query Match      0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5393 AAAAAAAAAACAAAGAAAAA 5415
Db      25 AAAAAAAAAAAAAAAAAAAAAA 3
RESULT 123
LOCUS   BD192375/c                      26 bp    DNA      linear    PAT 17-JUL-2003
DEFINITION Reagents and methods useful for detecting diseases of the breast.
ACCESSION BD192375
VERSION   BD192375.1 GI:33002114
KEYWORDS JP 2002516576-A/14.
SOURCE   Mus sp.
ORGANISM Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
        Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

```

```

REFERENCE 1 (bases 1 to 26)
AUTHORS Medel,P.A.B., Cohen,M., Colpitts,T.L., Friedman,P.N., Gordon,J.,
        Granados,R.N., Hodges,S.C., Klasse,M.R., Kratochvil,J.D.,
        Russell,J.C., Scheffel,C.P., Strope,S.D. and Yu,H.
TITLE    Reagents and methods useful for detecting diseases of the breast
JOURNAL  Patent: JP 2002516576-A 14 04-JUN-2002;
COMMENT  ABBOTT LABORATORIES
        EN JP 2002516576-A/14
        PD 04-JUN-2002
        PF 19-JUN-1998 JP 199904891
        PR 20-JUN-1997 US 08/879354
        PI PATRICIA A BILTING MEDEL,MAURICE COHEN,TRACEY L COLPITTS,PAULA
        PI N FRIEDMAN,
        PI JULIAN GORDON,EDWARD N GRANADOS,STEVEN C HODGES,MICHAEL R PI
        KLASSE,
        PI JON D KRATOCHVIL,JOHN C RUSSELL,CHRISTI P SCHEFFEL,STEPHEN D
        PI STROPE,
        PI HONG YU
        PC C12N15/12,C07K14/47,C12Q1/68,C12N15/85,C12N5/10,C07K16/18, PC
        G01N33/574
        CC Strandedness: Single;
        CC Topology: linear;
        FH key Location/Qualifiers.
        source 1..26
        /organism="Mus sp."
        /mol_type="genomic DNA"
        /db_xref="taxon:10095"

Qy      5393 AAAAAAAAAACAAAGAAAAA 5415
Db      25 AAAAAAAAAAAAAAAAAAAAAA 3
RESULT 124
LOCUS   BD248975/c                      26 bp    DNA      linear    PAT 17-JUL-2003
DEFINITION Novel cytokine ZALPHA11 ligand.
ACCESSION BD248975
VERSION   BD248975.1 GI:33058745
KEYWORDS JP 2002537839-A/36.
SOURCE   synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 26)
AUTHORS Novak,J.E., Presnell,S.R., Sprecher,C.A., Foster,D.C., Holly,R.D.,
        Gross,J.A., Johnston,J.V., Nelson,A.J., Dillon,S.R. and
        Hammond,A.K.
TITLE    Novel cytokine ZALPHA11 ligand
JOURNAL  Patent: JP 2002537839-A 36 12-NOV-2002;
COMMENT  ZYMOGENETICS INC
        OS Artificial Sequence
        EN JP 2002537839-A/36
        PD 12-NOV-2002
        PF 03-MAR-2000 JP 2000603382
        PR 09-MAR-1999 US 09/264908,11-MAR-1999 US 09/265992 PR
        PI JULIA E NOVAK,SCOTT R PRESNELL,CINDY A SPECHER, DONALD C PI
        FOSTER,
        PI RICHARD D HOLLY,JANE A GROSS,JANET V JOHNSTON,ANDREW J NELSON,
        PI STACEY R DILLON,ANGELA K HAMMOND
        PC C12N15/09,A61K38/00,A61K45/00,A61P35/00,A61P37/00,C07K14/52,
        PC C07K14/53,
        PC C07K14/54,C07K14/55,C07K16/24,C07K19/00,C12N1/15,C12N1/19, PC
        C12N1/21,
        PC C12N5/10,C12P21/02,C12P21/02,G01N33/53,C12N15/00,C12N5/00, PC
        A61K37/02
        CC Oligonucleotide primer ZC7764b

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FR Key Location/Qualifiers
FT source 1.26
Location/Qualifiers
1.26
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAATCAAAAAAAAAA 5415
|||||
25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 125
LOCUS C0828164 26 bp DNA linear PAT 05-JUL-2004
DEFINITION Sequence 14 from Patent WO2004053160.
ACCESSION C0828164
VERSION C0828164.1 GI:49731658
KEYWORDS
SOURCE Synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Jimenez,M.C., Escobar,I.G., Gallego,S.C. and Cima-de-Villa,J.C.
TITLE Method to analyze polymeric nucleic acid sequence variations
JOURNAL Patent: WO 2004053160-A 14 24-JUN-2004;
GENOMICA S.A.U. (ES)
Location/Qualifiers
1.26
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer"

Query Match 0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAATCAAAAAAAAAA 5415
|||||
25 AAAAAAAAAAAAAAAAAAAAAA 23

RESULT 126
LOCUS I79495 26 bp DNA linear PAT 10-JUN-1998
DEFINITION Sequence 2 from patent US 5707807.
ACCESSION I79495
VERSION I79495.1 GI:3207785
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 26)
AUTHORS Kato,K.
TITLE Molecular indexing for expressed gene analysis
JOURNAL Patent: US 5707807-A 2 13-JAN-1998;
FEATURES
Location/Qualifiers
1.26
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAATCAAAAAAAAAA 5415

Db 25 AAAAAAAAAAAAAAAAAAAAAA 3
|||||

RESULT 127
LOCUS I79496 26 bp DNA linear PAT 10-JUN-1998
DEFINITION Sequence 3 from patent US 5707807.
ACCESSION I79496
VERSION I79496.1 GI:3207786
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 26)
AUTHORS Kato,K.
TITLE Molecular indexing for expressed gene analysis
JOURNAL Patent: US 5707807-A 3 13-JAN-1998;
FEATURES
Location/Qualifiers
1.26
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAATCAAAAAAAAAA 5415
|||||
25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 128
LOCUS AR279358 26 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 2 from patent US 6514699.
ACCESSION AR279358
VERSION AR279358.1 GI:29714110
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 26)
AUTHORS O'Neill,R.A., Chen,J.-K., Chiesa,C. and Fry,G.
TITLE Multiplex polynucleotide capture methods and compositions
JOURNAL Patent: US 6514699-A 2 04-FEB-2003;
FEATURES
Location/Qualifiers
1.26
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAATCAAAAAAAAAA 5415
|||||
25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 129
LOCUS AR374074 26 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 39 from patent US 6605272.
ACCESSION AR374074
VERSION AR374074.1 GI:40076646
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 26)
AUTHORS Novak,J.E., Presnell,S.R., Sprecher,C.A., Foster,D.C., Holly,R.D.,
Gross,J.A., Johnston,J.V., Nelson,A.J., Dillon,S.R. and

TITLE Hammond,A.K.
METHODS of using zaiphal1 ligand
JOURNAL Patent: US 6605272-A 39 12-AUG-2003;
FEATURES Location/Qualifiers
source 1..26
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5415
DB 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 130
LOCUS AR404597 26 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 1 from patent US 6627748.
ACCESSION AR404597
VERSION AR404597.1 GI:40153233
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 26)
AUTHORS Ju,J., Li,Z., Tong,A. and Russo,J.J.
TITLE Combinatorial fluorescence energy transfer tags and their applications for multiplex genetic analyses
JOURNAL Patent: US 6627748-A 1 30-SEP-2003;
FEATURES Location/Qualifiers
source 1..26
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5415
DB 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 131
LOCUS AR456224 26 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 39 from patent US 6686178.
ACCESSION AR456224
VERSION AR456224.1 GI:42691247
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 26)
AUTHORS Novak,J.E., Presnell,S.R., Sprecher,C.A., Foster,D.C., Holly,R.D., Gross,J.A., Johnston,J.V., Nelson,A.J., Dillon,S.R. and Hammond,A.K.
TITLE Cytokine zaiphal1 ligand polynucleotides
JOURNAL Patent: US 6686178-A 39 03-FEB-2004;
FEATURES Location/Qualifiers
source 1..26
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5415
DB 25 AAAAAAAAAAAAAAAAAAAAAA 3

DB 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 132
LOCUS AX427154 26 bp DNA linear PAT 18-JUN-2002
DEFINITION Sequence 3 from Patent WO0210374.
ACCESSION AX427154
VERSION AX427154.1 GI:21530535
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Lin,S.L., Chuong,C.M. and Widelitz,R.B.
TITLE Gene silencing using mrna-cdna hybrids
JOURNAL Patent: WO 0210374-A 3 07-FEB-2002;
FEATURES Location/Qualifiers
source 1..26
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Poly(dT)-26mer primer"

Query Match 0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5415
DB 26 AAAAAAAAAAAAAAAAAAAAAA 4

RESULT 133
LOCUS AX528804 26 bp DNA linear PAT 21-NOV-2002
DEFINITION Sequence 53 from Patent WO02059357.
ACCESSION AX528804
VERSION AX528804.1 GI:25172859
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Pedersen,M.L.
TITLE Assay and kit for analyzing gene expression
JOURNAL Patent: WO 02059357-A 53 01-AUG-2002;
FEATURES Location/Qualifiers
source 1..26
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic construct"

Query Match 0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5415
DB 26 AAAAAAAAAAAAAAAAAAAAAA 4

RESULT 134
LOCUS BD007174 26 bp DNA linear PAT 31-JAN-2002
DEFINITION Method and composition for capturing multiple polynucleotide.
ACCESSION BD007174
VERSION BD007174.1 GI:18635545
KEYWORDS JP 2001503973-A/2.
SOURCE unidentified
ORGANISM unidentified

unclassified.
REFERENCE 1 (bases 1 to 26)
AUTHORS Ognelli, R.A., Chen, J.C., Chiesa, C. and Fry, G.
TITLE Method and composition for capturing multiple polynucleotide
JOURNAL Patent: JP 2001503973-A 2 27-MAR-2001;
THE PERKIN ELMAR CORP
COMMENT OS . Unidentified
PN JP 2001503973-A/2
PD 27-MAR-2001
PF 02-OCT-1997 JP 1998516839
PR 04-OCT-1996 US 60/027832,12-JUN-1997 US 08/873437 PI
ROGER A O'NEILL, JAR CAIN CHEN, CLAUDIA CHIESA, GEORGE FRY PC
C1201/68, C12N15/09, C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
FH Key Location/Qualifiers
FT source 1..26 /organism='Unidentified'.
FEATURES
source 1..26 Location/Qualifiers
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAAAA 5415
DB 25 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 135
AX530369/c 18 bp DNA linear PAT 21-NOV-2002
LOCUS Sequence 92 from Patent WO0240668.
DEFINITION AX530369
ACCESSION AX530369
VERSION AX530369.1 GI:25173257
KEYWORDS
SOURCE . synthetic construct
ORGANISM synthetic construct
REFERENCE 1 artificial sequences.
AUTHORS Techopp, J. and Martinon, F.
TITLE Proteins and dna sequences underlying these proteins used for
JOURNAL creating inflammations
Patent: WO 0240668-A 92 23-MAY-2002;
Apotech Research and Development Ltd. (CH)
FEATURES
source 1..18 Location/Qualifiers
1..18 /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer JT1525"

Query Match 0.3%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 868 GTGCTAATGCCCTGATC 885
DB 18 GTGCTAATGCCCTGATC 1

RESULT 136
AX530371 18 bp DNA linear PAT 21-NOV-2002
LOCUS Sequence 94 from Patent WO0240668.
DEFINITION AX530371
ACCESSION AX530371
VERSION AX530371.1 GI:25173259
KEYWORDS
SOURCE . synthetic construct

ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Techopp, J. and Martinon, F.
TITLE Proteins and dna sequences underlying these proteins used for
JOURNAL creating inflammations
Patent: WO 0240668-A 94 23-MAY-2002;
Apotech Research and Development Ltd. (CH)
FEATURES
source 1..18 Location/Qualifiers
1..18 /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer JT1527"

Query Match 0.3%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4411 GATGAGACTCTGTGTGG 4428
DB 1 GATGAGACTCTGTGTGG 18

RESULT 137
A64735/c 21 bp DNA linear PAT 29-MAR-1999
LOCUS Sequence 1 from Patent WO9729116.
DEFINITION A64735
ACCESSION A64735
VERSION A64735.1 GI:4530771
KEYWORDS
SOURCE . unidentified
ORGANISM unidentified
REFERENCE 1 unclassified.
AUTHORS Reese, C.B. and Rao, M.V.
TITLE SULPHUR CONTAINING DINUCLEOTIDE PHOSPHORAMIDITES
JOURNAL Patent: WO 9729116-A 1 14-AUG-1997;
CRUNCHEN LTD (GB)
FEATURES
source 1..21 Location/Qualifiers
1..21 /organism="unclassified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAA 1200
DB 21 AGAGAGAGAGAGAGAGAGA 1

RESULT 138
A64738/c 21 bp DNA linear PAT 16-OCT-1999
LOCUS Sequence 4 from Patent WO9729116.
DEFINITION A64738
ACCESSION A64738
VERSION A64738.1 GI:4530774
KEYWORDS
SOURCE . unidentified
ORGANISM unidentified
REFERENCE 1 unclassified.
AUTHORS Reese, C.B. and Rao, M.V.
TITLE SULPHUR CONTAINING DINUCLEOTIDE PHOSPHORAMIDITES
JOURNAL Patent: WO 9729116-A 4 14-AUG-1997;
CRUNCHEN LTD (GB)
FEATURES
source 1..21 Location/Qualifiers
1..21 /organism="unclassified"
/mol_type="unassigned DNA"

/db_xref="taxon:32644"
2
/mod_base=OTHER
modified_base 4
/mod_base=OTHER
modified_base 6
/mod_base=OTHER
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modified_base 18
/mod_base=OTHER
modified_base 20
/mod_base=OTHER

Query Match 0.3%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1180 AGAGAAAGAGAGAGAGAAA 1200
Db 21 AGAGAGAGAGAGAGAGAGA 1

RESULT 139
AR361156 AR361156 21 bp DNA linear PAT 17-AUG-2003
LOCUS Sequence 16 from patent US 6599700.
DEFINITION AR361156
ACCESSION AR361156
VERSION AR361156.1 GI:33768861
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 21)
AUTHORS Bellacosa, A.
TITLE Methods for detection of transition single-nucleotide polymorphisms
JOURNAL Patent: US 6599700-A 16 29-JUL-2003;
FEATURES Location/Qualifiers
1..21
source /organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1415 GAAGCTGGCCTGATTATGTGG 1435
Db 1 GAAGCTGACCTGATATATGTGG 21

RESULT 140
AX104716/c AX104716 22 bp DNA linear PAT 30-APR-2001
LOCUS Sequence 908 from Patent WO0122972.
DEFINITION AX104716
ACCESSION AX104716
VERSION AX104716.1 GI:13920913
KEYWORDS
SOURCE Synthetic construct
ORGANISM Synthetic construct
REFERENCE Artificial sequences.
1 Kriegl, A.M., Schetter, C. and Vollmer, J.C.
AUTHORS Immunostimulatory nucleic acids
TITLE Patent: WO 0122972-A 908 05-APR-2001;
JOURNAL

UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
GmbH (DE)
FEATURES Location/Qualifiers
1..22
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1180 AGAGAAAGAGAGAGAGAAA 1200
Db 22 AGAGAGAGAGAGAGAGAGA 2

RESULT 141
AX547769/c AX547769 22 bp DNA linear PAT 01-MAR-2003
LOCUS Sequence 908 from Patent WO2053141.
DEFINITION AX547769
ACCESSION AX547769
VERSION AX547769.1 GI:25812913
KEYWORDS
SOURCE Synthetic construct
ORGANISM Synthetic construct
REFERENCE Artificial sequences.
1 Bratzler, R.L.
AUTHORS Inhibition of angiogenesis by nucleic acids
TITLE Patent: WO 02053141-A 908 11-JUL-2002;
JOURNAL Coley Pharmaceutical Group, Inc. (US)
FEATURES Location/Qualifiers
1..22
source /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Sequence"

Query Match 0.3%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1180 AGAGAAAGAGAGAGAGAAA 1200
Db 22 AGAGAGAGAGAGAGAGAGA 2

RESULT 142
AR026545 AR026545 24 bp DNA linear PAT 29-SEP-1999
LOCUS Sequence 8 from patent US 5856103.
DEFINITION AR026545
ACCESSION AR026545
VERSION AR026545.1 GI:5937385
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 24)
AUTHORS Gray, D.M. and Clark, C.L.
TITLE Method for selectively ranking sequences for antisense targeting
JOURNAL Patent: US 5856103-A 8 05-JAN-1999;
FEATURES Location/Qualifiers
1..24
source /organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 2.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1180 AGAGAAAGAGAGAGAGAAA 1200
|||||

Db 1 AGAGAGAGAGAGAGAGAGA 21

RESULT 143

LOCUS AR026546/c 24 bp DNA 11near PAT 29-SEP-1999

DEFINITION Sequence 9 from patent US 5856103.

ACCESSION AR026546

VERSION AR026546.1 GI:5937386

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 24)

AUTHORS Gray,D.M. and Clark,C.L.

TITLE Method for selectively ranking sequences for antisense targeting

JOURNAL Patent: US 5856103-A 9 05-JAN-1999;

FEATURES

source 1..24

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.8; DB 1; Length 24;

Best Local Similarity 90.5%; Pred. No. 2.4e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200

Db 23 AGAGAGAGAGAGAGAGAGA 3

RESULT 144

LOCUS AR026547/c 24 bp DNA 11near PAT 29-SEP-1999

DEFINITION Sequence 10 from patent US 5856103.

ACCESSION AR026547

VERSION AR026547.1 GI:5937387

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 24)

AUTHORS Gray,D.M. and Clark,C.L.

TITLE Method for selectively ranking sequences for antisense targeting

JOURNAL Patent: US 5856103-A 10 05-JAN-1999;

FEATURES

source 1..24

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.8; DB 1; Length 24;

Best Local Similarity 90.5%; Pred. No. 2.4e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200

Db 23 AGAGAGAGAGAGAGAGAGA 3

RESULT 145

LOCUS AR026548 24 bp DNA 11near PAT 29-SEP-1999

DEFINITION Sequence 11 from patent US 5856103.

ACCESSION AR026548

VERSION AR026548.1 GI:5937388

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 24)

AUTHORS Gray,D.M. and Clark,C.L.

TITLE Method for selectively ranking sequences for antisense targeting

JOURNAL Patent: US 5856103-A 11 05-JAN-1999;

FEATURES

source 1..24

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.8; DB 1; Length 24;

Best Local Similarity 90.5%; Pred. No. 2.4e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200

Db 1 AGAGAGAGAGAGAGAGAGA 21

RESULT 146

LOCUS AR128993 24 bp DNA 11near PAT 16-MAY-2001

DEFINITION Sequence 8 from patent US 6183966.

ACCESSION AR128993

VERSION AR128993.1 GI:1411655

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 24)

AUTHORS Gray,D.M. and Clark,C.L.

TITLE Apparatus and method for selectively ranking sequences for antisense targeting

JOURNAL Patent: US 6183966-A 8 06-FEB-2001;

FEATURES

source 1..24

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.8; DB 1; Length 24;

Best Local Similarity 90.5%; Pred. No. 2.4e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200

Db 1 AGAGAGAGAGAGAGAGAGA 21

RESULT 147

LOCUS AR128994/c 24 bp DNA 11near PAT 16-MAY-2001

DEFINITION Sequence 9 from patent US 6183966.

ACCESSION AR128994

VERSION AR128994.1 GI:1411656

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 24)

AUTHORS Gray,D.M. and Clark,C.L.

TITLE Apparatus and method for selectively ranking sequences for antisense targeting

JOURNAL Patent: US 6183966-A 9 06-FEB-2001;

FEATURES

source 1..24

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.8; DB 1; Length 24;

Best Local Similarity 90.5%; Pred. No. 2.4e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200

Db 24 AGAGAGAGAGAGAGAGAGA 4

RESULT 148

AR128995/c AR128995 24 bp DNA linear PAT 16-MAY-2001
LOCUS Sequence 10 from patent US 6183966.
ACCESSION AR128995
VERSION AR128995.1 GI:14116657
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 24)
AUTHORS Gray,D.M. and Clark,C.L.
TITLE Apparatus and method for selectively ranking sequences for
antisense targeting
JOURNAL Patent: US 6183966-A 10 06-FEB-2001;
FEATURES Location/Qualifiers
source 1..24
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 2.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200
DB 23 AGAGAGAGAGAGAGAGAGAGA 3

RESULT 149
AR128996 AR128996 24 bp DNA linear PAT 16-MAY-2001
LOCUS Sequence 11 from patent US 6183966.
ACCESSION AR128996
VERSION AR128996.1 GI:14116658
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 24)
AUTHORS Gray,D.M. and Clark,C.L.
TITLE Apparatus and method for selectively ranking sequences for
antisense targeting
JOURNAL Patent: US 6183966-A 11 06-FEB-2001;
FEATURES Location/Qualifiers
source 1..24
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 2.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200
DB 2 AGAGAGAGAGAGAGAGAGAGA 22

RESULT 150
AR202467/c AR202467 24 bp DNA linear PAT 20-APR-2002
LOCUS Sequence 1 from patent US 6362322.
ACCESSION AR202467
VERSION AR202467.1 GI:20257006
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 24)
AUTHORS Gray,D.M. and Hashem,G.M.
TITLE Conversion of a watson-crick DNA to a hoogsteen-paired duplex
JOURNAL Patent: US 6362322-A 1 26-MAR-2002;
FEATURES Location/Qualifiers
source 1..24

/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 2.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200
DB 24 AGAGAGAGAGAGAGAGAGAGA 4

RESULT 151
AR202468 AR202468 24 bp DNA linear PAT 20-APR-2002
LOCUS Sequence 2 from patent US 6362322.
ACCESSION AR202468
VERSION AR202468.1 GI:20257007
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 24)
AUTHORS Gray,D.M. and Hashem,G.M.
TITLE Conversion of a watson-crick DNA to a hoogsteen-paired duplex
JOURNAL Patent: US 6362322-A 2 26-MAR-2002;
FEATURES Location/Qualifiers
source 1..24
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 2.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200
DB 1 AGAGAGAGAGAGAGAGAGAGA 21

RESULT 152
AR202469 AR202469 24 bp DNA linear PAT 20-APR-2002
LOCUS Sequence 3 from patent US 6362322.
ACCESSION AR202469
VERSION AR202469.1 GI:20257008
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 24)
AUTHORS Gray,D.M. and Hashem,G.M.
TITLE Conversion of a watson-crick DNA to a hoogsteen-paired duplex
JOURNAL Patent: US 6362322-A 3 26-MAR-2002;
FEATURES Location/Qualifiers
source 1..24
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 2.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200
DB 24 AGAGAGAGAGAGAGAGAGAGA 4

RESULT 153
AR202470 AR202470 24 bp DNA linear PAT 20-APR-2002
LOCUS Sequence 4 from patent US 6362322.
ACCESSION AR202470

VERSION AR202470.1 GI:20257009
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 24)
AUTHORS Gray,D.M. and Hashem,G.M.
TITLE Conversion of a Watson-Crick DNA to a Hoogsteen-paired duplex
JOURNAL Patent: US 6362322-A 4 26-MAR-2002;
FEATURES
source 1..24
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 2.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200
DB 24 AGAGAGAGAGAGAGAGAGA 4

RESULT 154
AR202471 24 bp DNA linear PAT 20-APR-2002
LOCUS AR202471
DEFINITION Sequence 5 from patent US 6362322.
ACCESSION AR202471
VERSION AR202471.1 GI:20257010
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 24)
AUTHORS Gray,D.M. and Hashem,G.M.
TITLE Conversion of a Watson-Crick DNA to a Hoogsteen-paired duplex
JOURNAL Patent: US 6362322-A 5 26-MAR-2002;
FEATURES
source 1..24
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 2.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200
DB 1 AGAGAGAGAGAGAGAGAGA 21

RESULT 155
AR202472 24 bp DNA linear PAT 20-APR-2002
LOCUS AR202472
DEFINITION Sequence 6 from patent US 6362322.
ACCESSION AR202472
VERSION AR202472.1 GI:20257011
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 24)
AUTHORS Gray,D.M. and Hashem,G.M.
TITLE Conversion of a Watson-Crick DNA to a Hoogsteen-paired duplex
JOURNAL Patent: US 6362322-A 6 26-MAR-2002;
FEATURES
source 1..24
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 2.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGAAA 1200
DB 24 AGAGAGAGAGAGAGAGAGA 4

RESULT 156
AR168752 24 bp DNA linear PAT 17-DEC-2001
LOCUS AR168752
DEFINITION Sequence 28 from patent US 6288032.
ACCESSION AR168752
VERSION AR168752.1 GI:17904835
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 24)
AUTHORS Boyle,W.J., Lacey,D.L., Calzone,F.J. and Chang,M.-S.
TITLE Osteoprotegerin
JOURNAL Patent: US 6288032-A 28 11-SEP-2001;
FEATURES
source 1..24
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 2.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4663 CAGATCGGAGAGCTGTCAGCTTG 4686
DB 1 CAGATCTGAGAGCTGCTCAGTTTG 24

RESULT 157
AR205489 24 bp DNA linear PAT 20-JUN-2002
LOCUS AR205489
DEFINITION Sequence 21 from patent US 6369027.
ACCESSION AR205489
VERSION AR205489.1 GI:21503084
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 24)
AUTHORS Boyle,W.J., Lacey,D.L., Calzone,F.J. and Chang,M.-S.
TITLE Osteoprotegerin
JOURNAL Patent: US 6369027-A 21 09-APR-2002;
FEATURES
source 1..24
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 2.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4663 CAGATCGGAGAGCTGTCAGCTTG 4686
DB 1 CAGATCTGAGAGCTGCTCAGTTTG 24

RESULT 158
AR391940 24 bp DNA linear PAT 18-DEC-2003
LOCUS AR391940
DEFINITION Sequence 28 from patent US 6613544.
ACCESSION AR391940
VERSION AR391940.1 GI:40115689
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 24)

AUTHORS Boyle,W.J., Lacey,D.L., Calzone,F.J. and Chang,M.-S.
TITLE Osteoprotegerin
JOURNAL Patent: US 6613544-A 28 02-SEP-2003;
FEATURES Location/Qualifiers
source 1..24
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 2.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4663 CAGATCGGAAGCTGTCAGCTTG 4686
Db 1 CAGATCCTGAGCTGCTCAGTTG 24

RESULT 159
AR431307/c 24 bp DNA linear PAT 18-DEC-2003
LOCUS AR431307
DEFINITION Sequence 1 from patent US 6651008.
ACCESSION AR431307
VERSION AR431307.1 GI:40193275
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 24)
AUTHORS Vaiberg,E.A., Adams,C.L., Sabry,J.H. and Crompton,A.M.
TITLE Database system including computer code for predictive cellular
bioinformatics
JOURNAL Patent: US 6651008-A 1 18-NOV-2003;
FEATURES Location/Qualifiers
source 1..24
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 2.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5389 AATTAAAAAATTCAAAAAGAAA 5412
Db 24 AATTAATAAAAAAAAAAAAAAAAAA 1

RESULT 160
AR431308/c 24 bp DNA linear PAT 18-DEC-2003
LOCUS AR431308
DEFINITION Sequence 2 from patent US 6651008.
ACCESSION AR431308
VERSION AR431308.1 GI:40193276
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 24)
AUTHORS Vaiberg,E.A., Adams,C.L., Sabry,J.H. and Crompton,A.M.
TITLE Database system including computer code for predictive cellular
bioinformatics
JOURNAL Patent: US 6651008-A 2 18-NOV-2003;
FEATURES Location/Qualifiers
source 1..24
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 2.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5393 AAAAAATTCAAAAAGAAAAAT 5416
Db 24 AAAAAAAAAAAAAAAAAAAT 1

RESULT 161
AX076505 24 bp DNA linear PAT 06-FEB-2001
LOCUS AX076505
DEFINITION Sequence 21 from Patent WO0103719.
ACCESSION AX076505
VERSION AX076505.1 GI:12711057
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE 1
AUTHORS Boyle,W.J., Lacey,D.L., Calzone,F.J., Chang,M.-S. and Senaldi,G.
TITLE Combination therapy for conditions leading to bone loss
JOURNAL Patent: WO 0103719-A 21 18-JAN-2001;
Amgen Inc. (US)
FEATURES Location/Qualifiers
source 1..24
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 2.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4663 CAGATCGGAAGCTGTCAGCTTG 4686
Db 1 CAGATCCTGAGCTGCTCAGTTG 24

RESULT 162
AX361125 24 bp DNA linear PAT 15-FEB-2002
LOCUS AX361125
DEFINITION Sequence 9 from Patent EP117789.
ACCESSION AX361125
VERSION AX361125.1 GI:18693771
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Fluehmann,B., Heim,M., Hunziker,W. and Weber,P.
TITLE Use of phytyanic acid for the treatment of diabetes
JOURNAL Patent: EP 1177789-A 9 06-FEB-2002;
Roche Vitamins AG (CH)
FEATURES Location/Qualifiers
source 1..24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="TagMan-probe for amplification of glucokinase cDNA
of rat primary hepatocytes"

modified_base 1
/note="5-carboxy-fluoresceine-adenine"
modified_base 24
/mol_base=OTHER
modified_base 24
/note="6-carboxy-tetramethyl-rhodamin-cytosine"
/mol_base=OTHER

Query Match 0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 2.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3128 AGCTGACCTGAGCTTCATGTGC 3151
Db 1 AGCTGACCCGAGCTTCAAGAGC 24

RESULT 163
AX952222

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LOCUS       AX952222                24 bp    DNA             linear    PAT 08-JAN-2004
DEFINITION   Sequence 5 from Patent WO03097879.
ACCESSION    AX952222
VERSION      AX952222.1 GI:40782581
KEYWORDS     .
SOURCE       synthetic construct
ORGANISM     artificial sequences.
REFERENCE    1
AUTHORS      Mano,H.
TITLE        Method of identifying pancreatic ductal carcinoma (pdc) specific
              genes using pancreatic ductal cells, method of testing for pdc
              using said genes, and method of screening pharmaceutical candidate
              compounds for treating or preventing pdc
JOURNAL      Patent: WO 03097879-A 5 27-NOV-2003;
              FUJISAWA PHARMACEUTICAL CO., LTD. (JP)
FEATURES     Location/Qualifiers
             1..24
             /organism="synthetic construct"
             /mol_type="unassigned DNA"
             /db_xref="taxon:32630"
             /note="An artificially synthesized primer sequence"
Query Match      0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 2.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2692 GAGACTCGGACGAAACGTTCTG 2715
DB      1 GAGACTCGACGACCAACTACTG 24

RESULT 164
LOCUS       AX961625/C              24 bp    DNA             linear    PAT 14-JAN-2004
DEFINITION   Sequence 20 from Patent WO03101375.
ACCESSION    AX961625
VERSION      AX961625.1 GI:40881083
KEYWORDS     .
SOURCE       synthetic construct
ORGANISM     artificial sequences.
REFERENCE    1
AUTHORS      Lopez,R.A.
TITLE        Immunostimulatory oligonucleotides and uses thereof
JOURNAL      Patent: WO 03101375-A 20 11-DEC-2003;
              IMMUNOTECH S.A. (AR)
FEATURES     Location/Qualifiers
             1..24
             /organism="synthetic construct"
             /mol_type="unassigned DNA"
             /db_xref="taxon:32630"
             /note="Immunostimulatory oligonucleotide"
Query Match      0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 2.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5394 AAAAAATACAAAAAGAAAAATG 5417
DB      24 AAAAAAAAAAAAAAAAACAAAATG 1

RESULT 165
LOCUS       AX961626/C              24 bp    DNA             linear    PAT 14-JAN-2004
DEFINITION   Sequence 21 from Patent WO03101375.
ACCESSION    AX961626
VERSION      AX961626.1 GI:40881084
KEYWORDS     .
SOURCE       synthetic construct
ORGANISM     artificial sequences.

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REFERENCE    1
AUTHORS      Lopez,R.A.
TITLE        Immunostimulatory oligonucleotides and uses thereof
JOURNAL      Patent: WO 03101375-A 21 11-DEC-2003;
              IMMUNOTECH S.A. (AR)
FEATURES     Location/Qualifiers
             1..24
             /organism="synthetic construct"
             /mol_type="unassigned DNA"
             /db_xref="taxon:32630"
             /note="Immunostimulatory oligonucleotide"
Query Match      0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 2.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5396 AAAAAATACAAAAAGAAAAATGAA 5419
DB      24 AAAAAAAAAAAAAAAAACAAAATGAA 1

RESULT 166
LOCUS       AX961627/C              24 bp    DNA             linear    PAT 14-JAN-2004
DEFINITION   Sequence 22 from Patent WO03101375.
ACCESSION    AX961627
VERSION      AX961627.1 GI:40881085
KEYWORDS     .
SOURCE       synthetic construct
ORGANISM     artificial sequences.
REFERENCE    1
AUTHORS      Lopez,R.A.
TITLE        Immunostimulatory oligonucleotides and uses thereof
JOURNAL      Patent: WO 03101375-A 22 11-DEC-2003;
              IMMUNOTECH S.A. (AR)
FEATURES     Location/Qualifiers
             1..24
             /organism="synthetic construct"
             /mol_type="unassigned DNA"
             /db_xref="taxon:32630"
             /note="Immunostimulatory oligonucleotide"
Query Match      0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 2.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5398 AATACAAAAAGAAAAATGAAAA 5421
DB      24 AAAAAAAAAAAAAAAAACAAAATGAAA 1

RESULT 167
LOCUS       BD144742                24 bp    DNA             linear    PAT 17-JAN-2003
DEFINITION   Use of phytyanic acid for the treatment of diabetes.
ACCESSION    BD144742
VERSION      BD144742.1 GI:27850500
KEYWORDS     .
SOURCE       synthetic construct
ORGANISM     artificial sequences.
REFERENCE    1 (bases 1 to 24)
AUTHORS      Fluehmann,B., Helm,M., Hunziker,W. and Weber,P.
TITLE        Use of phytyanic acid for the treatment of diabetes
JOURNAL      Patent: JP 2002104964-A 9 10-APR-2002;
              ROCHE VITAMINS AG
COMMENT      OS Artificial Sequence
              PN JP 2002104964-A/9
              PD 10-APR-2002
              PP 01-AUG-2001 JP 2001233070
              PR 04-AUG-2000 EP 00116848.3
              PI BEAT FLUEHMANN,MANUEL HELM,WILLI HUNZIKER,PETER WEBER PC

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A61K31/20, A23J1/30, A61K31/16, A61K31/201, A61K31/215, A61P3/00, PC
A61P3/04,
PC A61P3/06, A61P3/10
CC TagMan-probe for amplification of glucokinase cDNA of rat CC
primary
CC hepatocytes
CC 6-carboxy-fluoresceine-adenine
CC 6-carboxy-tetramethyl-rhodamin-cytosine
FH Key Location/Qualifiers
FT modified base (1) . (1)
FT modified base (24) . (24) .
Location/Qualifiers
1. .24
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 2.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3128 AGCTGACCTGAGCTTCATGTGC 3151
Db 1 AGCTGACCTGAGCTTCATGAGAC 24

RESULT 168
LOCUS AR137989 25 bp DNA linear PAT 16-JUN-2001
DEFINITION Sequence 103 from patent US 6197581.
ACCESSION AR137989
VERSION AR137989.1 GI:14479498
KEYWORDS
SOURCE
ORGANISM
Unknown.
REFERENCE
1 (bases 1 to 25)
AUTHORS Antonli, F. and Paterson, J.M.
TITLE Human adenylate cyclase and use therefor
JOURNAL Patent: US 6197581-A 103 06-MAR-2001;
FEATURES
Location/Qualifiers
1. .25
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2565 GGGGGAGAGAGAGATGAGACAT 2588
Db 25 GGAGAAAGAAAGAGATGTGAACAT 2

RESULT 169
LOCUS CQ620091 25 bp DNA linear PAT 02-FEB-2004
DEFINITION Sequence 4831 from Patent WO0192524.
ACCESSION CQ620091
VERSION CQ620091.1 GI:41670309
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
1 Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and
Shannon, M.E.
TITLE Myosin-like gene expressed in human heart and muscle
JOURNAL Patent: WO 0192524-A 4831 06-DEC-2001;
Aeomica, Inc. (US)
FEATURES
Location/Qualifiers
1. .25

REFERENCE
AUTHORS
1 Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and
Shannon, M.E.
TITLE Myosin-like gene expressed in human heart and muscle
JOURNAL Patent: WO 0192524-A 4831 06-DEC-2001;
Aeomica, Inc. (US)
FEATURES
Location/Qualifiers
1. .25

Qy 2112 GATGAGCAGATGAAGCGAAGGA 2135
Source

/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3257 AGGACCTGGCCCTCTCATCACTG 3280
Db 2 AGGACCTGGCCCTCTCATCACTG 25

RESULT 170
LOCUS CQ620092 25 bp DNA linear PAT 02-FEB-2004
DEFINITION Sequence 4832 from Patent WO0192524.
ACCESSION CQ620092
VERSION CQ620092.1 GI:41670310
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
1 Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and
Shannon, M.E.
TITLE Myosin-like gene expressed in human heart and muscle
JOURNAL Patent: WO 0192524-A 4832 06-DEC-2001;
Aeomica, Inc. (US)
FEATURES
Location/Qualifiers
1. .25
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3257 AGGACCTGGCCCTCTCATCACTG 3280
Db 1 AGGACCTGGCCCTCTCATCACTG 24

RESULT 171
LOCUS CQ628209 25 bp DNA linear PAT 02-FEB-2004
DEFINITION Sequence 12949 from Patent WO0192524.
ACCESSION CQ628209
VERSION CQ628209.1 GI:41678427
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
1 Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and
Shannon, M.E.
TITLE Myosin-like gene expressed in human heart and muscle
JOURNAL Patent: WO 0192524-A 12949 06-DEC-2001;
Aeomica, Inc. (US)
FEATURES
Location/Qualifiers
1. .25
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2112 GATGAGCAGATGAAGCGAAGGA 2135

Db 2 GATGAAGCAGATGCACCAAGAGA 25

RESULT 172

LOCUS CQ628210 25 bp DNA 11near PAT 02-FEB-2004

DEFINITION Sequence 12950 from Patent WO0192524.

ACCESSION CQ628210

VERSION CQ628210.1 GI:41678428

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

AUTHORS Gu.Y., Ji.Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.

TITLE Myosin-like gene expressed in human heart and muscle

JOURNAL Patent: WO 0192524-A 12950 06-DEC-2001;

FEATURES

source Location/Qualifiers

1..25

/organism="Homo sapiens"

/mol_type="unassigned DNA"

/db_xref="taxon:9606"

Query Match 0.3%; Score 17.6; DB 1; Length 25;

Best Local Similarity 83.3%; Pred. No. 2.6e+02;

Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2112 GATGACGAGATGACGAGAGA 2135

Db 1 GATGAAGCAGATGCACCAAGAGA 24

RESULT 173

LOCUS CQ628550 25 bp DNA 11near PAT 02-FEB-2004

DEFINITION Sequence 13290 from Patent WO0192524.

ACCESSION CQ628550

VERSION CQ628550.1 GI:41678768

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

AUTHORS Gu.Y., Ji.Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.

TITLE Myosin-like gene expressed in human heart and muscle

JOURNAL Patent: WO 0192524-A 13290 06-DEC-2001;

FEATURES

source Location/Qualifiers

1..25

/organism="Homo sapiens"

/mol_type="unassigned DNA"

/db_xref="taxon:9606"

Query Match 0.3%; Score 17.6; DB 1; Length 25;

Best Local Similarity 83.3%; Pred. No. 2.6e+02;

Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3475 AGCAGACGAAACCAAGTGATG 3498

Db 2 AGCAGAGTGAAGCCAGTGAGAG 25

RESULT 174

LOCUS CQ628552 25 bp DNA 11near PAT 02-FEB-2004

DEFINITION Sequence 13292 from Patent WO0192524.

ACCESSION CQ628552

VERSION CQ628552.1 GI:41678770

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

AUTHORS Gu.Y., Ji.Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.

TITLE Myosin-like gene expressed in human heart and muscle

JOURNAL Patent: WO 0192524-A 13292 06-DEC-2001;

FEATURES

source Location/Qualifiers

1..25

/organism="Homo sapiens"

/mol_type="unassigned DNA"

/db_xref="taxon:9606"

Query Match 0.3%; Score 17.6; DB 1; Length 25;

Best Local Similarity 83.3%; Pred. No. 2.6e+02;

Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3476 GCAGACGAAACCAAGTGATGA 3499

Db 1 GCAGAGTGAAGCCAGTGAGAGA 24

RESULT 175

LOCUS I29929 25 bp DNA 11near PAT 06-FEB-1997

DEFINITION Sequence 42 from patent US 5578468.

ACCESSION I29929

VERSION I29929.1 GI:1820720

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 25)

AUTHORS Pickup,D.J., Patel,D. and Antczak,J.B.

TITLE Site-specific RNA cleavage

JOURNAL Patent: US 5578468-A 42 26-NOV-1996;

FEATURES

source Location/Qualifiers

1..25

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.6; DB 1; Length 25;

Best Local Similarity 83.3%; Pred. No. 2.6e+02;

Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5398 AATACAAAAGAAAAATGAAA 5421

Db 2 AAAACAAAAAAGAAAAA 25

RESULT 176

LOCUS AR434729 25 bp DNA 11near PAT 18-DEC-2003

DEFINITION Sequence 1152 from patent US 6656700.

ACCESSION AR434729

VERSION AR434729.1 GI:40197572

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 25)

AUTHORS Gu.Y. and Shannon,M.E.

TITLE Isoforms of human pregnancy-associated protein-B

JOURNAL Patent: US 6656700-A 1152 02-DEC-2003;

FEATURES

source Location/Qualifiers

1..25

/organism="unknown"

/mol_type="genomic DNA"

Query Match	0.3%	Score 17.6;	DB 1;	Length 25;
Best Local Similarity	83.3%	Pred. No. 2.6e+02;		
Matches 20;	Conservative	0;	Mismatches 4;	Indels 0;
				Gaps 0;

Qy	5410	AAAAAAAAATAAAGCAATAAG	5433
Db	2	AAGCAATGAAATTAGAGATAAG	25

RESULT 177
AR434731

LOCUS	AA434731	25 bp	DNA	linear	PAT 18-DEC-2003
DEFINITION	Sequence	1154 from patent	US 6656700.		
ACCESSION	AR434731				
VERSION	AR434731.1	GI:40197574			
KEYWORDS					
SOURCE	Unknown.				
ORGANISM	Unknown.				
REFERENCE	1 (bases 1 to 25)				
AUTHORS	Gu, Y. and Shannon, M. E.				
TITLE	Isotforms of human pregnancy-associated protein-E				
JOURNAL	Patent: US 6656700-A	1154 02-DEC-2003;			
FEATURES	location/Qualifiers				
source	1..25				

Query Match	0.3%	Score 17.6;	DB 1;	Length 25;
Best Local Similarity	83.3%	Pred. No. 2.6e+02;		
Matches	20;	Conservative	0;	Mismatches 4;
				Indels 0;
				Gaps 0;

Qy	5411	AAAAATGAAAAATAAAGCAATTAAGA	5434
Db	1	AGAAATGAAAAATTAGACAAATTAAGA	24

RESULT	178
AR461154	
LOCUS	25 bp DNA
DEFINITION	Sequence 4831 from patent US 6686188.
ACCESSION	AR461154
VERSION	AR461154.1 GI:42696211
PAT	20-FEB-2004

REFERENCE	Unclassified.
AUTHORS	1 (pages 1 to 25)
TITLE	Gu, Y., Ji, Y., Penn, S. G., Hanzel, D. K., Rank, D. R., Chen, W. and Shannon, M. E. Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL	Patent: US 6686188-A 4831 03-FEB-2004;
FEATURES	Location/Qualifiers
source	1. .25

Query Match	0.3%	Score 17.6;	DB 1;	Length 25;
Best Local Similarity	83.3%	Pred. No. 2.6e+02;		
Matches	20;	Conservative	0;	Mismatches 4;
			Indels	0;
			Gaps	0;

QY 3257 AGGACCTGGCCTCTGTGCTTAGTG 3280
|||
Db 2 AGGACCTGGCCTCTCATCAAGTG 25

RESULT 179	
LOCUS	AR461155
DEFINITION	AR461155 25 bp DNA
ACCESSION	Sequence 4832 from patent US 6686188.
	AR461155
	linear PAT 20-FEB-2004

VERSION	AR461155.1	GI:42696212
KEYWORDS		
SOURCE	Unknown.	
ORGANISM	Unknown.	

REFERENCE
AUTHORS
1 (bases 1 to 25)
Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and
Shannon, M.E.

TITLE	Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL	Patent: US 6686188-A 4832 03-FEB-2004;
FEATURES	Location/Qualifiers

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/organism="unknown"  
/mol_type="genomic DNA"
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Query Match	0.3%	Score 17.6	DB 1	Length 25
Best Local Similarity	83.3%	Pred. No. 2.6e+02		
Matches 20	Conservative 0	Mismatches 4	Indels 0	Gaps 0

OY 3257 AGACCTGGCCTCTGTGCTTAGTG 3280
 |||||
Db 1 AGACCTGGCCTCTTCATCAGTG 24

RESULT 180
AR469272

LOCUS	AR469272.1	2007
DEFINITION	Sequence 12949 from patent US 6686188.	
ACCESSION	AR469272	
VERSION	AR469272.1	GI:42704329

KEYWORDS
SOURCE
Unknown.

Unclassified.
REFERENCE 1 (bases 1 to 25)

TITLE	Polynucleotide encoding a human myosin-like polypeptide expressed
JOURNAL	predominantly in heart and muscle
FEATURES	Patent: US 6686188-A 12949 03-FEB-2004;
	Location/Qualifiers

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/organism="unknown"  
/mol_type="genomic DNA"
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Query Match	0.3%	Score 17.6;	DB 1;	Length 25;
Best Local Similarity	83.3%	Pred. No. 2.6e+02;		
Matches 20; Conservative	0;	Mismatches 4;	Indels 0;	Gaps 0;

QY	2112	GATGACGACAGATGAAGCGGAAGA	2135
Db	2	GATGAAGCAGATGCACCGAAGA	25

RESULT 181

LOCUS	AR469273	25 bp	DNA	PAT 20-FEB-2004
DEFINITION	Sequence 12950 from patent US 6686188.		linear	

ACCESSION	AR469273
VERSION	AR469273.1
	GI:42704330

SOURCE ORGANISM	Unknown. Unknown.
-----------------	----------------------

REFERENCE
1 (bases 1 to 25)
AUTHORS
Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and

TITLE
Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
PATENT: US 6686188-A 12950 03-FEB-2004;

JOURNAL	Patent: US 6686188-A 12950 0
FEATURES	Location/Qualifiers
source	1. .25


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/organism="unknown"
/mol_type="genomic DNA"

Query Match      0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2112 GATGACGAGATGACGGAAGGA 2135
DB      1 GATGAAGCAGATGACCAAGAGGA 24

RESULT 182
LOCUS      AR469613      25 bp      DNA      linear      PAT 20-FEB-2004
DEFINITION Sequence 13290 from patent US 6686188.
ACCESSION AR469613
VERSION AR469613.1 GI:42704670
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE 1 (bases 1 to 25)
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE      Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 13290 03-FEB-2004;
FEATURES
source
/mol_type="genomic DNA"

Query Match      0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3475 AGCAGCGGAACCAAGTGTGATG 3498
DB      2 AGCAGAGTGAAGCCAAAGTGTAGG 25

RESULT 183
LOCUS      AR469615      25 bp      DNA      linear      PAT 20-FEB-2004
DEFINITION Sequence 13292 from patent US 6686188.
ACCESSION AR469615
VERSION AR469615.1 GI:42704672
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE 1 (bases 1 to 25)
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE      Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 13292 03-FEB-2004;
FEATURES
source
/mol_type="genomic DNA"

Query Match      0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3476 GCAGACGGAACCAAGTGTGATGA 3499
DB      1 GCAGAGTGAAGCCAAAGTGTAGGA 24

RESULT 184

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AX043526/c
LOCUS      AX043526      25 bp      DNA      linear      PAT 23-NOV-2000
DEFINITION Sequence 1092 from Patent WO0065088.
ACCESSION AX043526
VERSION AX043526.1 GI:11342134
KEYWORDS
SOURCE      synthetic construct
ORGANISM    artificial sequences.
REFERENCE 1
AUTHORS Ulfendahl,P.J. and Wong,K.C.
TITLE      Primers for identifying typing or classifying nucleic acids
JOURNAL Patent: WO 0065088-A 1092 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
FEATURES
source
1.25
/mol_type="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="HLA-C Heterozygote Primer Sequence"

Query Match      0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5392 TAAATAAATACAAAAGAAAAA 5415
DB      24 TGAAGAAATACCAAAAAA 1

RESULT 185
LOCUS      AX138773      25 bp      DNA      linear      PAT 30-MAY-2001
DEFINITION Sequence 103 from Patent EP1097991.
ACCESSION AX138773
VERSION AX138773.1 GI:14274530
KEYWORDS
SOURCE      synthetic construct
ORGANISM    artificial sequences.
REFERENCE 1
AUTHORS Antoni,F. and Paterson,J.M.
TITLE      Human adenylate cyclase ix and use therefor
JOURNAL Patent: EP 1097991-A 103 09-MAY-2001;
MEDICAL RESEARCH COUNCIL (GB)
FEATURES
source
1.25
/mol_type="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer based on Mus sp. adenylyl cyclase 9"

Query Match      0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2565 GCGGAGAGAGAGATGAGAACAT 2588
DB      25 GGAGAGAGAAAGATGTGTAACAT 2

RESULT 186
LOCUS      AX500810      25 bp      DNA      linear      PAT 27-SEP-2002
DEFINITION Sequence 2117 from Patent EP1229046.
ACCESSION AX500810
VERSION AX500810.1 GI:23383103
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE 1
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

```

AUTHORS	Zhan, J.
TITLE	Human testis expressed patched like protein
JOURNAL	Patent: EP 1229046-A 2117 07-AUG-2002;

FEATURES	Location/Qualifiers
source	1..25
	/organism="Homo sapiens"
	/mol_type="unassigned DNA"
	/db_xref="taxon:9606"

Query Match	0.3%	Score 17.6	DB 1	Length 25
Best Local Similarity	83.3%	Pred. No. 2.6e+02		
Matches	20	Conservative	0	Mismatches 4
				Indels 0
				Gaps 0
770	GCGCCCAAGCCCGAAGGCGCAG	793		
y				
b	2	GAGCCCAAGCCCGAAGGCGCGC	25	

ESULT 187	25 bp	DNA	linear	PAT 31-MAR-2005
LOCUS				
AX690255/c				
DEFINITION	Sequence	2987	from Patent	EP1281756.
ACCSSION	AX690255			
ERSION	AX690255.1		GI:29413113	
WORDS				
OURCE				
rganism	Homo sapiens (human)			
	Homo sapiens			
	Homo sapiens			

```

REFERENCE      1
AUTHORS       Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE          Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
                mdz12
JOURNAL        Patent: EP 1281758-A 2987 05-FEB-2003;
                Aeomica, Inc. (US)
FEATURES       Location/Qualifiers
                1..25
                /organism="Homo sapiens"
                /mol_type="unassigned DNA"
                /db_xref="taxon:9606"

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FEATURES	1
AUTHORCE	Shannon, M., Gu, Y. and Nguyen, C.T.
AUTHORS	Four human zinc-finger-containing proteins : mdz1, mdz4, mdz7 and
TITLE	mdz12
JOURNAL	Patent : EP 1281758-A 2968 05-FEB-2003;
FEATURES	Acemica, Inc. (US)
source	Location/Qualifiers
	1..25
	/organism="Homo sapiens"
	/mol_type="unassigned DNA"
	/db_xref="taxon:9606"

Query March Similarity	0.3%	Score 17.6;	DB 1:	Length 25;
Best Local Similarity	83.3%;	Pred. No. 2	6e+02;	
Matches 20; Conservative	0;	Mismatches 4;	Indels 0;	Gaps 0;

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source 1.25
        /organism="synthetic construct"
        /mol_type="unassigned DNA"
        /db_xref="taxon:32630"
        /note="Die Beschreibung von Kinstliche Sequenz: Primer
primer_bind 1.25
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Query Match	0.3%	Score 17.4	DB 1	Length 19
Best Local Similarity	94.7%	Pred. No. 2.3e+02		
Matches 18; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;
QY	1181	GAGAAAGAGAGAGAGAGA	1199	
db	19	GAAAAAGAGAGAGAGAAA	1	

RESULT 191

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AR069073/c
LOCUS AR069073 20 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 23 from patent US 5854410.
ACCESSION AR069073
VERSION AR069073.1 GI:6001280
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
  1 (bases 1 to 20)
  Unclassified.
AUTHORS Arnold, L.J. Jr., Reynolds, M.A., Schwartz, D.A. and Dally, W.J.
TITLE Oligonucleoside cleavage compounds and therapies
JOURNAL Patent: US 5854410-A 23 29-DEC-1998;
FEATURES
  Location/Qualifiers
  1..20
  /organism="unknown"
  /mol_type="unassigned DNA"

Query Match
  0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 2.4e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1179 CAGAGAGAGAGAGAGAG 1197
Db 20 CAGAGAGAGAGAGAGAG 2

RESULT 192
AR084583 20 bp DNA linear PAT 01-SEP-2000
LOCUS AR084583
DEFINITION Sequence 72 from patent US 5981185.
ACCESSION AR084583
VERSION AR084583.1 GI:10011354
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
  1 (bases 1 to 20)
  Unclassified.
AUTHORS Matson, R.S., Coassin, P.J., Rampal, J.B. and Caskey, C. Thomas.
TITLE Oligonucleotide repeat arrays
JOURNAL Patent: US 5981185-A 72 09-NOV-1999;
FEATURES
  Location/Qualifiers
  1..20
  /organism="unknown"
  /mol_type="unassigned DNA"

Query Match
  0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 2.4e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAGAGAGAGAGAGA 1198
Db 1 AGAGAGAGAGAGAGAGA 19

RESULT 193
AR084604 20 bp DNA linear PAT 01-SEP-2000
LOCUS AR084604
DEFINITION Sequence 93 from patent US 5981185.
ACCESSION AR084604
VERSION AR084604.1 GI:10011375
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
  1 (bases 1 to 20)
  Unclassified.
AUTHORS Matson, R.S., Coassin, P.J., Rampal, J.B. and Caskey, C. Thomas.
TITLE Oligonucleotide repeat arrays
JOURNAL Patent: US 5981185-A 93 09-NOV-1999;
FEATURES
  Location/Qualifiers
  1..20
  /organism="unknown"
  /mol_type="unassigned DNA"

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Query Match
  0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 2.4e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAGAGAGAGAGAGA 1198
Db 20 AGAGAGAGAGAGAGAGA 2

RESULT 194
AR16926 20 bp DNA linear PAT 03-APR-1996
LOCUS AR16926
DEFINITION Sequence 1 from patent US 5482836.
ACCESSION AR16926
VERSION AR16926.1 GI:1251834
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
  1 (bases 1 to 20)
  Unclassified.
AUTHORS Cantor, C.R., Ito, T. and Smith, C.L.
TITLE DNA purification by triplex-affinity capture and affinity capture
JOURNAL electrophoresis
JOURNAL Patent: US 5482836-A 1 09-JAN-1996;
FEATURES
  Location/Qualifiers
  1..20
  /organism="unknown"
  /mol_type="unassigned DNA"

Query Match
  0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 2.4e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAGAGAGAGAGAGA 1198
Db 19 AGAGAGAGAGAGAGAGA 1

RESULT 195
AR225072 20 bp DNA linear PAT 26-SEP-2002
LOCUS AR225072
DEFINITION Sequence 38 from patent US 6441156.
ACCESSION AR225072
VERSION AR225072.1 GI:23334207
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
  1 (bases 1 to 20)
  Unclassified.
AUTHORS Lerman, M.I., Latif, F., Wei, M.-H., Dub, F.-M., Minna, J.D., Sekido, Y. and Gao, B.
TITLE Calcium channel compositions and methods of use thereof
JOURNAL Patent: US 6441156-A 38 27-AUG-2002;
FEATURES
  Location/Qualifiers
  1..20
  /organism="unknown"
  /mol_type="genomic DNA"

Query Match
  0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 2.4e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5074 CTGGTGCCACGACGCCA 5092
Db 1 CTGGTGCCACGACGCTCA 19

RESULT 196
AX2398806 20 bp DNA linear PAT 26-NOV-2001
LOCUS AX2398806
DEFINITION Sequence 440 from Patent WO0181749.
ACCESSION AX2398806

```

VERSION AX298806.1 GI:117128796
KEYWORDS
SOURCE Mus sp.
ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1
AUTHORS Bachmanov,A.A., Beauchamp,G.K., Chatterjee,A., de Jong,P.J., Li,S., Li,X., Ohmen,U.D., Reed,D.R., Ross,D. and Tordoff,M.G.
TITLE Gene and sequence variation associated with sensing carbohydrate compounds and other sweeteners
JOURNAL Patent: WO 0183749-A 440 08-NOV-2001;
WARNER-LAMBERT COMPANY (US) ; The Monell Chemical Senses Center (US)

FEATURES
source Location/Qualifiers
1..20
/organism="Mus sp."
/mol_type="unassigned DNA"
/db_xref="taxon:10095"

Query Match 0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 2.4e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3124 ACCGAGCTGAGCTGAGCT 3142
DB 19 ACCAAGCTGAGCTGAGCT 1

RESULT 197
AX298828/C
LOCUS AX298828 20 bp DNA linear PAT 26-NOV-2001
DEFINITION Sequence 462 from Patent WO0183749.
ACCESSION AX298828
VERSION AX298828.1 GI:117128818
KEYWORDS Mus sp.
SOURCE Mus sp.
ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1
AUTHORS Bachmanov,A.A., Beauchamp,G.K., Chatterjee,A., de Jong,P.J., Li,S., Li,X., Ohmen,U.D., Reed,D.R., Ross,D. and Tordoff,M.G.
TITLE Gene and sequence variation associated with sensing carbohydrate compounds and other sweeteners
JOURNAL Patent: WO 0183749-A 462 08-NOV-2001;
WARNER-LAMBERT COMPANY (US) ; The Monell Chemical Senses Center (US)

FEATURES
source Location/Qualifiers
1..20
/organism="Mus sp."
/mol_type="unassigned DNA"
/db_xref="taxon:10095"

Query Match 0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 2.4e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3124 ACCGAGCTGAGCTGAGCT 3142
DB 19 ACCAAGCTGAGCTGAGCT 1

RESULT 198
A64736/C
LOCUS A64736 21 bp DNA linear PAT 29-MAR-1999
DEFINITION Sequence 2 from Patent WO9729116.
ACCESSION A64736
VERSION A64736.1 GI:4530772
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
unclassified.

REFERENCE 1
AUTHORS Reese,C.B. and Rao,M.V.
JOURNAL SULPHUR CONTAINING DINUCLEOTIDE PHOSPHORAMIDITES
Patent: WO 9729116-A 2 14-AUG-1997;
CRUACHEM LTD (GB)

FEATURES
source Location/Qualifiers
1..21
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGA 1198
DB 20 AGAGAGAGAGAGAGAGA 2

RESULT 199
A64739/C
LOCUS A64739 21 bp DNA linear PAT 16-OCT-1999
DEFINITION Sequence 5 from Patent WO9729116.
ACCESSION A64739
VERSION A64739.1 GI:4530775
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
unclassified.

REFERENCE 1
AUTHORS Reese,C.B. and Rao,M.V.
JOURNAL SULPHUR CONTAINING DINUCLEOTIDE PHOSPHORAMIDITES
Patent: WO 9729116-A 5 14-AUG-1997;
CRUACHEM LTD (GB)

FEATURES
source Location/Qualifiers
1..21
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

modified_base 2 /mod_base=OTHER
modified_base 4 /mod_base=OTHER
modified_base 6 /mod_base=OTHER
modified_base 8 /mod_base=OTHER
modified_base 10 /mod_base=OTHER
modified_base 12 /mod_base=OTHER
modified_base 14 /mod_base=OTHER
modified_base 16 /mod_base=OTHER
modified_base 18 /mod_base=OTHER
modified_base 20 /mod_base=OTHER

Query Match 0.3%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAGA 1198
DB 20 AGAGAGAGAGAGAGAGA 2

RESULT 200
AX298724
LOCUS AX298724 22 bp DNA linear PAT 26-NOV-2001

DEFINITION Sequence 358 from Patent WO0183749.
ACCESSION AX298724
VERSION AX298724.1 GI:117128714
KEYWORDS
SOURCE Mus sp.
ORGANISM Mus sp.
REFERENCE 1 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
AUTHORS Bachmanov,A.A., Beauchamp,G.K., Chatterjee,A., de Jong,P.J., Li,S., Li,X., Ohmen,J.D., Reed,D.R., Ross,D. and Tordoff,M.G.
TITLE Gene and sequence variation associated with sensing carbohydrate compounds and other sweeteners
JOURNAL Patent: WO 0183749-A 358 08-NOV-2001;
WARNER-LAMBERT COMPANY (US) ; The Monell Chemical Senses Center (US)

FEATURES
source Location/Qualifiers
1..22
/organism="Mus sp."
/mol_type="unassigned DNA"
/db_xref="taxon:10095"

Query Match 0.3%; Score 17.4; DB 1; Length 22;
Best Local Similarity 94.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3597 TCAGGCTAATCTCAACTC 3615
Db 1 TCAGGCTAATCTCAACTC 19

RESULT 201
LOCUS A50109 23 bp DNA linear PAT 07-MAR-1997
DEFINITION Sequence 13 from Patent WO9612821.
ACCESSION A50109
VERSION A50109.1 GI:2303270
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 23)
AUTHORS Baird,D.M., Royle,N.J. and Jeffreys,A.J.
TITLE METHOD FOR CHARACTERISING VARIABILITY IN TELOMERE DNA BY PCR
JOURNAL Patent: WO 9612821-A 13 02-MAY-1996;
ZENECA LTD (GB)
COMMENT Other publication GB 2294322 960424.
FEATURES
source Location/Qualifiers
1..23
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 17.4; DB 1; Length 23;
Best Local Similarity 94.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 228 CCCTCACCTCACCTCC 246
Db 1 CCCTCACCTCACCTCC 19

RESULT 202
LOCUS AR152585 23 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 13 from patent US 6235468.
ACCESSION AR152585
VERSION AR152585.1 GI:15120117
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 Unclassified.
1 (bases 1 to 23)

AUTHORS Baird,D.Martin., Royle,N.Jane. and Jeffreys,A.John.
TITLE Method for characterising variability in telomere DNA by PCR
JOURNAL Patent: US 6235468-A 13 22-MAY-2001;
FEATURES
source Location/Qualifiers
1..23
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.4; DB 1; Length 23;
Best Local Similarity 94.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 228 CCCTCACCTCACCTCC 246
Db 1 CCCTCACCTCACCTCC 19

RESULT 203
LOCUS AR164336 22 bp DNA linear PAT 17-OCT-2001
DEFINITION Sequence 19 from patent US 6271369.
ACCESSION AR164336
VERSION AR164336.1 GI:16235464
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 22)
AUTHORS Torrence,P.F., Silverman,R.H., Maitra,R.K. and Lesiak,K.
TITLE Chimeric molecules targeted to viral RNAs
JOURNAL Patent: US 6271369-A 19 07-AUG-2001;
FEATURES
source Location/Qualifiers
1..22
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 2.8e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAAAA 5414
Db 1 AAAAAATACAAAAAGAAAA 22

RESULT 204
LOCUS I31828 22 bp DNA linear PAT 06-FEB-1997
DEFINITION Sequence 19 from patent US 5583032.
ACCESSION I31828
VERSION I31828.1 GI:1822619
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 22)
AUTHORS Torrence,P., Silverman,R., Maitra,R. and Lesiak,K.
TITLE Method of cleaving specific strands of RNA
JOURNAL Patent: US 5583032-A 19 10-DEC-1996;
FEATURES
source Location/Qualifiers
1..22
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 2.8e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAAAA 5414
Db 1 AAAAAATACAAAAAGAAAA 22

RESULT 205
LOCUS 169425 22 bp DNA linear PAT 04-FEB-1998
DEFINITION Sequence 19 from patent US 5677289.
ACCESSION 169425
VERSION 169425.1 GI:2831547
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 22)
AUTHORS Torrence,P., Silverman,R., Maitra,R. and Lesiak,K.
TITLE Method of cleaving specific strands of RNA and medical treatments thereby
JOURNAL Patent: US 5677289-A 19 14-OCT-1997;
FEATURES
source Location/Qualifiers
1..22
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 2.8e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAAAA 5414
Db 1 AAAAAAAAAAAAAAAAAAAAAA 22

RESULT 206
LOCUS A45285 23 bp DNA linear PAT 07-MAR-1997
DEFINITION Sequence 16 from Patent WO9518223.
ACCESSION A45285
VERSION A45285.1 GI:2299771
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 23)
AUTHORS Giovannangeli,C. and Helene,C.
TITLE GENE EXPRESSION CONTROL
JOURNAL CENTRE NAT RECH SCIENT (FR)
COMMENT Other publication CA 2180032 950706
Other publication FI 962693 960628
Other publication NO 962707 960626
Other publication ZA 9410367 950920
Other publication AU 1388495 950717
Other publication FR 2714383 950630.
Location/Qualifiers
1..23
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 2.8e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2560 GATGAGGGGAGAGAGAGATGG 2581
Db 2 GAAGAGGGAGAGAGAGAGAGAGG 23

RESULT 207
LOCUS AR116265 23 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 16 from patent US 6133024.
ACCESSION AR116265
VERSION AR116265.1 GI:14096587
KEYWORDS
SOURCE Unknown.

ORGANISM Unknown.
REFERENCE 1 (bases 1 to 23)
AUTHORS Helene,C. and Giovannangeli,C.
TITLE Gene expression control
JOURNAL Patent: US 6133024-A 16 17-OCT-2000;
FEATURES
source Location/Qualifiers
1..23
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 2.8e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2560 GATGAGGGGAGAGAGATGG 2581
Db 2 GAAGAGGGAGAGAGAGAGAGAGG 23

RESULT 208
LOCUS AX058583 23 bp DNA linear PAT 17-JAN-2001
DEFINITION Sequence 35 from Patent WO0077250.
ACCESSION AX058583
VERSION AX058583.1 GI:12310925
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Escude,C., Garestier,T., Helene,C. and Roulon,T.
TITLE Method for circularizing oligonucleotides around a double stranded nucleic acid, resulting structures and uses thereof
JOURNAL Patent: WO 0077250-A 35 21-DEC-2000;
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) (FR) ; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) (FR)
FEATURES
source Location/Qualifiers
1..23
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide"

Query Match 0.3%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 2.8e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2560 GATGAGGGGAGAGAGATGG 2581
Db 2 GAAGAGGGAGAGAGAGAGAGAGG 23

RESULT 209
LOCUS AX767321 23 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 2 from Patent WO03042409.
ACCESSION AX767321
VERSION AX767321.1 GI:32260803
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Magnani,M., Graziano,F. and Ruzzo,A.
TITLE Mutations of the germinal line in the gene promoter of e-cadherine and diagnosis method to identify greater susceptibility to gastric carcinoma
JOURNAL Patent: WO 03042409-A 2 22-MAY-2003;
Universita' Degli Studi Di Urbino (IT)
FEATURES
source Location/Qualifiers
1..23
/organism="synthetic construct"

/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="PCR primer for identification of SNP on human E-Cadherine"

Query Match 0.3%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 2.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGCAGCCAC 2662
DB 23 CTGCTGCTGCTGCTGCAGGTAC 2

RESULT 210
AX927891/c 23 bp DNA linear PAT 19-DEC-2003
LOCUS AX927891 Sequence 21 from Patent WO03084565.
DEFINITION AX927891
ACCESSION AX927891
VERSION AX927891.1 GI:40250610
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Nawroth,R., Deutsch,U., Vestweber,D., Shima,D.T. and Golding,M.
TITLES Ve-PCP as regulator of ve-cadherin mediated processes or disorders
JOURNAL Patent: WO 03084565-A 21 16-OCT-2003;
Max-Planck-Gesellschaft zur Foerderung der Wissenschaften e.V.
Berlin (DE)

FEATURES
source 1..23 Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of Artificial Sequence: primer"
misc_feature 23
/note="n=(v)"

Query Match 0.3%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 2.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAAGAAAA 5414
DB 22 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 211
AX446262/c 24 bp DNA linear PAT 03-JUL-2002
LOCUS AX446262 Sequence 2717 from Patent WO0216649.
DEFINITION AX446262
ACCESSION AX446262
VERSION AX446262.1 GI:21695161
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Gunderson,K.
TITLES Probes and decoder oligonucleotides
JOURNAL Patent: WO 0216649-A 2717 28-FEB-2002;
Illumina, Inc. (US)

FEATURES
source 1..24 Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Computer Generated Probe Sequence."

Query Match 0.3%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4371 CTTGGATCAGGATCAGGCTG 4392
DB 23 CTTGGATCAGGATCAGGTTG 2

RESULT 212
AX817782 24 bp DNA linear PAT 10-DEC-2003
LOCUS AX817782 Sequence 18 from Patent WO02067861.
DEFINITION AX817782
ACCESSION AX817782
VERSION AX817782.1 GI:39722977
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Oncolytic adenoviral vectors
TITLES Patent: WO 02067861-A 18 06-SEP-2002;
JOURNAL Location/Qualifiers

FEATURES
source 1..24 Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Viral vector sequence"
misc_feature 1..24
/note="Fig. 1C. SV40 early Poly(A) site"
polyA_site 3..24

Query Match 0.3%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAAGAAAA 5414
DB 3 AAAAAAAAAAAAAAAAAAAAAA 24

RESULT 213
AX838369 24 bp DNA linear PAT 15-DEC-2003
LOCUS AX838369 Sequence 8 from Patent WO02068627.
DEFINITION AX838369
ACCESSION AX838369
VERSION AX838369.1 GI:39922050
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Vector constructs
TITLES Patent: WO 02068627-A 8 06-SEP-2002;
JOURNAL Location/Qualifiers

FEATURES

source 1..24 Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Viral vector sequence"
misc_feature 1..24
/note="Fig. 1C. SV40 early Poly(A) site"
polyA_site 3..24

Query Match 0.3%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAAGAAAA 5414
DB 3 AAAAAAAAAAAAAAAAAAAAAA 24

RESULT 214

AX961630/c
LOCUS AX961630 24 bp DNA linear PAT 14-JAN-2004
DEFINITION Sequence 25 from Patent WO03101375.
ACCESSION AX961630
VERSION AX961630.1 GI:40881088
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1. .24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Immunostimulatory oligonucleotide"

Query Match 0.3%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5404 AAAAAAAAAATGAAATGAA 5425
Db 24 AAAAAAAAAATGAAAAAAAA 3

RESULT 215
BD091564/c
LOCUS BD091564 24 bp DNA linear PAT 27-AUG-2002
DEFINITION Adult bone marrow-origin cell capable of differentiating into myocardial cell.
ACCESSION BD091564.1 GI:22637175
VERSION WO 0148149-A/27.
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT
1 (bases 1 to 24)
Umezawa,A., Hata,J., Fukuda,K., Satoshi, Ogawa and Sakurada,K.
Adult bone marrow-origin cell capable of differentiating into myocardial cell
Patent: WO 0148149-A 27 05-JUL-2001;
KYOWA HAKKO KOGYO CO LTD AKIHIRO UMEZAWA, JUNICHI HATA, KEIICHI FUKUDA, SATOSHI OGAWA, KAZUHIRO SAKURADA
OS Artificial Sequence
PN WO 0148149-A/27
PD 05-JUL-2001
PF 28-FEB-2000 WO 2000JP001148
PR 28-DEC-1999 JP 99P 372826
PI AKIHIRO UMEZAWA, JUNICHI HATA, KEIICHI FUKUDA, SATOSHI PI
OGAWA, KAZUHIRO SAKURADA
PC C12N5/06, C12N5/00, A61K35/28, A61P41/00, A61K48/00, C07K16/18 CC
Description of Artificial Sequence: artificially synthesized CC
primer
CC sequence
FH key
FEATURES
source
1. .24
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1185 AAGAGAGAGAGAAATCAGAG 1206
Db 22 AAGAGAGAGAGACATCTCAG 1

RESULT 216
BD094760/c
LOCUS BD094760 24 bp DNA linear PAT 27-AUG-2002
DEFINITION The cell having the potentiality of differentiation into cardiomyocytes.
ACCESSION BD094760
VERSION BD094760.1 GI:22640348
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT
1 (bases 1 to 24)
Umezawa,A., Hata,J., Fukuda,K., Ogawa,S., Sakurada,K., Gojo,S. and Yamada,Y.
The cell having the potentiality of differentiation into cardiomyocytes.
Patent: WO 0148150-A 27 05-JUL-2001;
KYOWA HAKKO KOGYO CO LTD, AKIHIRO UMEZAWA, JUNICHI HATA, KEIICHI FUKUDA, SATOSHI OGAWA, KAZUHIRO SAKURADA, SATOSHI GOJO, YOJI YAMADA
OS Artificial Sequence
PN WO 0148150-A/27
PD 05-JUL-2001
PF 02-NOV-2000 WO 2000JP007741
PR 28-DEC-1999 JP 99P 372826, 28-FEB-2000 WO PCTJP0001448 PI
AKIHIRO UMEZAWA, JUNICHI HATA, KEIICHI FUKUDA, SATOSHI OGAWA, PI
KAZUHIRO SAKURADA, SATOSHI GOJO, YOJI YAMADA
PC C12N5/06, C12N5/10, C12N15/09, A61K31/203, A61K35/28, A61K38/19, PC A61K38/39,
PC A61K38/45, A61K48/00, A61P9/10, A61P41/00, C07K16/28, C12P21/08, PC C12Q1/02,
PC C12Q1/48, G01N33/577
CC Description of Artificial Sequence: artificially synthesized
CC primer
CC sequence
FH key
FEATURES
source
1. .24
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1185 AAGAGAGAGAGAAATCAGAG 1206
Db 22 AAGAGAGAGAGACATCTCAG 1

RESULT 217
BD096302/c
LOCUS BD096302 24 bp DNA linear PAT 27-AUG-2002
DEFINITION Cells capable of differentiating into myocardial cells.
ACCESSION BD096302
VERSION BD096302.1 GI:22641890
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT
1 (bases 1 to 24)
Umezawa,A., Hata,J., Fukuda,K., Ogawa,S., Sakurada,K., Gojo,S. and Yamada,Y.
Cells capable of differentiating into myocardial cells
Patent: WO 0148151-A 27 05-JUL-2001;
KYOWA HAKKO KOGYO CO LTD
OS Artificial Sequence
PN WO 0148151-A/27
PD 05-JUL-2001
PF 27-DEC-2000 WO 2000JP009323

PR 28-DEC-1999 JP 99P 372826,28-FEB-2000 WO PCTJP0001148 PR
02-NOV-2000 WO PCTJP0007741
PI AKIHIRO UMEZAWA, JUNICHI HATA, KEIICHI FUKUDA, SATOSHI OGAWA, PI
KAZUHIRO SAKURADA, SATOSHI GOJO, YOOI YAMADA
PC C12N5/06, C12N5/08, C12P21/08, C12Q1/02, A61K35/28, A61K35/44, A61P9/ PC
06, A61P9/04//A61K38/18 C12N15/12
CC Description of Artificial Sequence: artificially synthesized
CC sequence primer
CC Key Location/Qualifiers
FT source 1..24 /organism='Artificial Sequence'.
FT Location/Qualifiers
1..24
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

FEATURES
source

Query Match 0.3%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1185 AAGAGAGAGAGAGATCAGAG 1206
DB 22 AAGAGAGAGAGAGATCAG 1

RESULT 218
BD257668 17 bp DNA linear PAT 17-JUL-2003
LOCUS Regulation of repressor genes using nucleic acid molecules.
BD257668
ACCESSION BD257668.1 GI:33067438
VERSION JP 2002541795-A/5461.
KEYWORDS unidentified
SOURCE unidentified
ORGANISM unidentified

REFERENCE
1 (bases 1 to 17)
Blatt, L., Zwick, M., Pavco, P. and McSwiggen, J.
Regulation of repressor genes using nucleic acid molecules
TITLE Patent: JP 2002541795-A 5461 10-DEC-2002;
JOURNAL RIBOZYME PHARMACEUTICALS INC
COMMENT
OS Eukaryote
PN JP 2002541795-A/5461
PD 10-DEC-2002
PF 11-APR-2000 JP 200611654
PI 12-APR-1999 US 60/129390
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN PC
C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC
C12P21/02,
PC C12P21/02, C12P21/02//A61K31/711, (C12N5/10, C12R1:91), (C12P21/02, PC
C12R1:91),
PC (C12P21/02, C12R1:91), (C12P21/02, C12R1:91), C12N15/00, C12N5/00,
PC A61K37/02,
PC (C12N5/00, C12R1:91)
CC Regulation of repressor genes using nucleic acid molecules FH
Key Location/Qualifiers
FT source 1..17
FT Location/Qualifiers
1..17
/organism='Eukaryote'.
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

FEATURES
source

Query Match 0.3%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 5410 AAAAAATGAAATTAAG 5426

DB 17 AAAAAATGAAATTAAG 1

RESULT 219
AX738070 17 bp DNA linear PAT 08-MAY-2003
LOCUS Sequence 3660 from Patent WO03025177.
AX738070
ACCESSION AX738070
VERSION AX738070.1 GI:30517358
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE
1
Telerman, A., Amson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
Patent: WO 03025177-A 3660 27-MAR-2003;
JOURNAL Molecular Engines Laboratories (FR)
FEATURES
source
1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 5238 GATCTACAGACGAC 5254
DB 1 GATCTACAGACGAC 17

RESULT 220
BD083992 20 bp DNA linear PAT 27-AUG-2002
LOCUS Membrane-bound netrin.
BD083992
ACCESSION BD083992.1 GI:22629602
VERSION JP 2001327289-A/14.
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE
1 (bases 1 to 20)
Itohara, S., Nakashiba, T., Ikeda, T., Hajime, Tashiro and Honjo, T.
Membrane-bound netrin
TITLE Patent: JP 2001327289-A 14 27-NOV-2001;
JOURNAL THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH
COMMENT
OS Artificial Sequence
PN JP 2001327289-A/14
PD 27-NOV-2001
PF 19-MAY-2000 JP 2000148843
PI SHIGEMI ITOHARA, TOSHIKI NAKASHIBA, TOSHIO IKEDA, HAJIME PI
TASHIRO, TASUKU HONJO
PC C12N15/09, A01K67/027, C07K14/47, C07K16/18, C12N1/15, C12N1/19, PC
C12N1/21,
PC C12N5/10, C12P21/02, C12Q1/68//A61K38/00, A61K39/395, A61P25/00,
PC C12P21/08,
PC C12N15/00, C12N5/00, A61K37/02
CC Isoform specific primer for PCR
FH Key Location/Qualifiers
FT source 1..20
FT Location/Qualifiers
1..20
/organism='Artificial Sequence'.
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

FEATURES
source

Query Match 0.3%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1061 CAGCAGTGTCTGGGAGC 1077
Db 3 CAGCAGTGTCTGGGAGC 19

RESULT 221
AR162405/c
LOCUS AR162405 20 bp DNA linear PAT 17-OCT-2001
DEFINITION Sequence 85 from patent US 6258600.
ACCESSION AR162405
VERSION AR162405.1 GI:16229583
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Zhang, H. and Cowse, L.M.
TITLE Antisense modulation of caspase 8 expression
JOURNAL Patent: US 6258600-A 85 10-JUL-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3175 CTTTGCCAGAGCTGAGACA 3194
Db 20 CTTTGCCAGAGCTGAGACA 1

RESULT 222
BD177127/c
LOCUS BD177127 20 bp DNA linear PAT 16-APR-2003
DEFINITION A stress-tolerant plant.
ACCESSION BD177127
VERSION BD177127.1 GI:30014387
KEYWORDS JP 2002281979-A/10.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
AUTHORS Kondo, S., Hoya, I. and Furusawa, I.
TITLE A stress-tolerant plant
JOURNAL Patent: JP 2002281979-A 10 02-OCT-2002;
COMMENT TOYOTA MOTOR CORP
OS Artificial Sequence
PN JP 2002281979-A/10
PD 02-OCT-2002
PF 28-MAR-2001 JP 2001091994
PI SATOSHI KONDO, IZUMI HOYA, IMAO FURUSAWA
PC C12N15/09, A01H5/00, C12N5/10, C12N9/08// (C12N9/08, C12R1:91), PC
C12N15/00
PC C12N5/00
CC Synthetic DNA
FH Key location/Qualifiers
FT source 1..20
/organism="Artificial Sequence".
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4539 CCAGTATCGAGAGCAGCTGA 4558
Db 20 CCAGTATCGAGAGCAGCTGA 1

RESULT 223
AR305124
LOCUS AR305124 20 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 78 from patent US 6545137.
ACCESSION AR305124
VERSION AR305124.1 GI:31694434
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Todd, J.A., Hess, J.W., Caskey, C.T., Cox, R.D., Gerhold, D.,
Hammond, H., Hey, P., Kawaguchi, Y., Merriman, T.R., Metzker, M.L.,
Nakagawa, Y., Phillips, M.S. and Twells, R.C.U.
TITLE Receptor
JOURNAL Patent: US 6545137-A 78 08-APR-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3599 AGGCTAATCTCAAACTCCTG 3618
Db 1 AGGCTAATCTCAAACTCCTG 20

RESULT 224
AR309228
LOCUS AR309228 20 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 78 from patent US 6555654.
ACCESSION AR309228
VERSION AR309228.1 GI:31701233
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Todd, J.A., Hess, J.W., Caskey, C.T., Cox, R.D., Gerhold, D.,
Hammond, H., Hey, P., Kawaguchi, Y., Merriman, T.R., Metzker, M.L.,
Nakagawa, Y., Phillips, M.S. and Twells, R.C.U.
TITLE LDI-receptor
JOURNAL Patent: US 6555654-A 78 29-APR-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3599 AGGCTAATCTCAAACTCCTG 3618
Db 1 AGGCTAATCTCAAACTCCTG 20

RESULT 225
AR442550/c
LOCUS AR442550 20 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 158 from patent US 6670130.
ACCESSION AR442550
VERSION AR442550.1 GI:42669807
KEYWORDS

SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
TITLE Oligonucleotide for detection and identification of Mycobacteria
JOURNAL Patent: US 6670130-A 158 30-DEC-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 193 CGTTGCCACACCCCATCTC 212
DB 20 CGTTCCACACCCGATCTC 1

RESULT 226
AX527818 20 bp DNA linear PAT 21-NOV-2002
LOCUS AX527818
DEFINITION Sequence 72 from Patent WO0230974.
ACCESSION AX527818
VERSION AX527818.1 GI:25172322
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Grosse, W.M., Alsdobrook, J.P., Lepley, D.M., Burgess, C.E., Mishra, V.,
Kekuda, R., Li, J., Padigan, M., Shinkens, R.A., Zernhusen, B.D.,
Spytek, K.A., Edinger, S., Gerlach, V., MacDougall, J., Stone, D.,
Gunther, E. and Ellerman, K.
TITLE Proteins and nucleic acids encoding same
JOURNAL Patent: WO 0230974-A 72 18-APR-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="oligonucleotide primer"

Query Match 0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 574 AAGGAGGAGCTGAAGGATT 593
DB 1 AAGGAGGAGCTGAAGGAGAT 20

RESULT 227
BD106035 20 bp DNA linear PAT 18-SEP-2002
LOCUS BD106035
DEFINITION Novel LDL-receptor.
ACCESSION BD106035
VERSION BD106035.1 GI:23200853
KEYWORDS JP 2002501376-A/50.
SOURCE Chlamydia sp.
ORGANISM Chlamydia sp.
REFERENCE Bacteria; Chlamydiae; Chlamydiales; Chlamydiaceae; Chlamydia.
AUTHORS Todd, J.A., Heese, J.W., Caskey, C.T., Cox, R.D., Gerhold, D., Hammond, H.
TITLE Novel LDL-receptor
JOURNAL Patent: JP 2002501376-A 50 15-JAN-2002;
COMMENT THE WELLCOME TRUST LTD AS TRUSTEE TO THE WELLCOME TRUST, MERCK & CO
INC JP 2002501376-A/50

PD 15-JAN-2002
PF 15-APR-1998 JP 1998543635
PR 15-APR-1997 US 60/043553, 05-JUN-1997 US 60/048740 PI
JOHN ANDREW TODD, JOHN WILFRED HESS, CHARLES
THOMAS CASKEY, ROGER
PI DAVID COX,
PI DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY
PC C12N15/12, C12N15/11, C12Q1/68, C07K14/705, C07K16/28, A61K38/17,
PC A61K39/395,
PC A61K48/00
CC Strandedness: Single;
CC Topology: Linear;
FH Key Location/Qualifiers
source 1..20
/organism="Chlamydia sp."
/mol_type="genomic DNA"
/db_xref="taxon:35827"

Query Match 0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3599 AGCTTAATCTCAACTCTG 3618
DB 1 AGCTGTGTCTCAACTCTG 20

RESULT 228
E36783 21 bp DNA linear PAT 18-JUN-2001
LOCUS E36783/c
DEFINITION Novel phoH.
ACCESSION E36783
VERSION E36783.1 GI:13022751
KEYWORDS JP 199253175-A/3.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 21)
AUTHORS Magudarena, S. and James, R.B.
TITLE Novel phoH
JOURNAL Patent: JP 199253175-A 3 21-SEP-1999;
COMMENT SMITHKLINE BEECHAM CORP
OS Unidentified
PN JP 199253175-A/3
PD 21-SEP-1999
PF 18-SEP-1998 JP 1998030154
PR 18-SEP-1997 US 08/932978
PI MAGUDARENA SARA KAIN, JAMES RAYMOND BURAN
PC C12N15/09, A61K31/00, A61K38/00, A61K39/395, C12P21/02, C12Q1/68,
PC G01N33/15,
PC G01N33/50, G01N33/56, G01N33/66, G01N33/68, C12N15/09, C12R1/46, PC
C12N15/00,
PC A61K37/02, C12N15/00, C12R1/46)
CC Strandedness: Single;
CC Topology: Linear;
FH Key Location/Qualifiers
source 1..21
/organism="Unidentified".
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 3.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4932 GAACCTTGATGATGCTTTG 4951
DB 21 GAACCTTGATGATGCTTTG 2

RESULT 229
LOCUS 165307
DEFINITION Sequence 29 from patent US 5667967.
ACCESSION 165307
VERSION 165307.1 GI:2481877
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Steinman, I., Oksenberg, J. and Bernard, C.
TITLE T-cell receptor variable transcripts as disease related markers
JOURNAL Patent: US 5667967-A 29 16-SEP-1997;
FEATURES
source
1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 3.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 560 TCGAGTTCCTGAAGAGAG 579
Db 2 TCGAGTTCCTGAAGAGAG 21

RESULT 230
LOCUS BD088657
DEFINITION A method of arraying genome clone.
ACCESSION BD088657
VERSION BD088657.1 GI:22634267
KEYWORDS JP 2001321190-A/901.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 21)
AUTHORS Soeda, E.
TITLE A method of arraying genome clone
JOURNAL Patent: JP 2001321190-A 901 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECBS
COMMENT OS Artificial Sequence
PN JP 2001321190-A/901
PD 20-NOV-2001
PF 12-MAR-2001 JP 2001068285
PI RIICHI SOEDA
PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC
C12N15/00
PC C12N15/00
CC Description of Artificial Sequence:Synthetic DNA FH Key
FT location/Qualifiers
FT source 1..21
/organism='Artificial Sequence'.
FEATURES
source
1..21
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 3.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3600 GCGTATCTCAAACTCTGG 3619
Db 1 GCGTATCTTGAATCTCTGG 20

RESULT 231
LOCUS AB069296
DEFINITION Synthetic construct DNA, forward primer for human STS sts-AA007533
ACCESSION AB069296
VERSION AB069296.1 GI:15130100
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Chen, Y. Z., Hayashi, Y., Wu, J. G., Takaoka, E., Maekawa, K.,
Watanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H.,
Mochizuki, A., Ohira, M., Nakagawara, A., Liu, S., Hoshii, M., Horii, A.
and Soeda, E.
TITLE A BAC-based STS-content map spanning a 35-kb region of human
JOURNAL chromosome 1p35-p36
MEDLINE 21269192
PUBMED 11374902
REFERENCE 2 (bases 1 to 21)
AUTHORS Horii, A.
TITLE Direct Submission
JOURNAL Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology/ 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8575, Japan (E-mail: horii@mail.cc.tohoku.ac.jp,
Tel:81-22-717-8042, Fax:81-22-717-8047)
FEATURES
source
1..21
location/Qualifiers
1..21
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

misc_feature 1..21
/note="forward primer for human STS sts-AA007533 at 1p36
sts-AA007533 obtained from clones B326A10, B361M21, Human
BAC library RPEC-11"

Query Match 0.3%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 3.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3600 GCGTATCTCAAACTCTGG 3619
Db 1 GCGTATCTTGAATCTCTGG 20

RESULT 232
LOCUS ARI45806
DEFINITION Sequence 44 from patent US 6218119.
ACCESSION ARI45806
VERSION ARI45806.1 GI:15108995
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 23)
AUTHORS Kuiper, M. T. R., Zabeau, M. and Vos, P.
TITLE Amplification of simple sequence repeats
JOURNAL Patent: US 6218119-A 44 17-APR-2001;
FEATURES
source
1..23
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 16.8; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1179 CAGAGAAAGAGAGAGAGAAAT 1201
Db 1 CAGAGAGAGAGAGAGAGANNAAAT 23

RESULT 233
BD244863/c
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT

BD244863 23 bp DNA linear PAT 17-JUL-2003
Oligonucleotide primer capable of making the non-specific double strand formation unstable.
BD244863
BD244863.1 GI:33054633
JP 2002532063-A/8.
synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 23)
Pelletier,J. and Das,M.
Oligonucleotide primer capable of making the non-specific double strand formation unstable
Patent: JP 2002532063-A 8 02-OCT-2002;
MCGILL UNIVERSITY
OS Artificial Sequence
PN JP 2002532063-A/8
PD 02-OCT-2002 JP 2000574722
PE 06-OCT-1999 JP 2000574722
PR 07-OCT-1998 CA 2246623
PI JERRY PELLETIER, MANJULA DAS
PC C12N15/09, C12Q1/68, C12N15/00
CC Description of Artificial Sequence: synthetic oligonucleotide
CC N = 3-Nitropropylene
CC N = 3-Nitropropylene
FH Key Location/Qualifiers
FT modified base (18).
FT Location/Qualifiers
1..23
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 16.8; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 5394 AAAAAATACAAAAAGAAAAA 5415
DB 23 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 234
BD244865/c
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT

BD244865 23 bp DNA linear PAT 17-JUL-2003
Oligonucleotide primer capable of making the non-specific double strand formation unstable.
BD244865
BD244865.1 GI:33054635
JP 2002532063-A/10.
synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 23)
Pelletier,J. and Das,M.
Oligonucleotide primer capable of making the non-specific double strand formation unstable
Patent: JP 2002532063-A 10 02-OCT-2002;
MCGILL UNIVERSITY
OS Artificial Sequence
PN JP 2002532063-A/10
PD 02-OCT-2002 JP 2000574722
PE 06-OCT-1999 JP 2000574722
PR 07-OCT-1998 CA 2246623
PI JERRY PELLETIER, MANJULA DAS
PC C12N15/09, C12Q1/68, C12N15/00
CC Description of Artificial Sequence: synthetic oligonucleotide
CC N - Inosine

CC N = Inosine
FH Key Location/Qualifiers
FT modified base (8)
FT modified base (18).
FT Location/Qualifiers
1..23
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 16.8; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 5394 AAAAAATACAAAAAGAAAAA 5415
DB 23 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 235
BD274420
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT

BD274420 24 bp DNA linear PAT 17-JUL-2003
Improved assay and reagents therefor.
BD274420
BD274420.1 GI:33084188
JP 2002542804-A/9.
synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 24)
Blair,E.D., Robinson,J.H., Snowden,B.W. and Tisdale,S.M.
Improved assay and reagents therefor
Patent: JP 2002542804-A 9 17-DEC-2002;
GLAXO GROUP LTD
OS Artificial Sequence
PN JP 2002542804-A/9
PD 17-DEC-2002 JP 2000615396
PE 28-APR-2000 JP 2000615396
PR 28-APR-1999 GB 9909793.3
PI EDWARD DUNCAN BLAIR, LAURENCE HENRY ROBINSON, BARBARA WENDY PI
PI SYLVIA MARGARET TISDALE
PC C12N15/09, C12Q1/02, C12Q1/68, C12N15/00
CC Description of Artificial Sequence: Primer
FH Key Location/Qualifiers
FT source 1..24
FT Location/Qualifiers
1..24
/organism="Artificial Sequence".
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 16.8; DB 1; Length 24;
Best Local Similarity 90.0%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1261 AGCTTACAGCCCAACACCA 1280
DB 2 AGCTTACAGCCCAACACCA 21

RESULT 236
AX044437
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE

AX044437 24 bp DNA linear PAT 24-NOV-2000
Sequence 9 from Patent WO0066774.
AX044437
AX044437.1 GI:11343310
synthetic construct
synthetic construct
artificial sequences.
1

AUTHORS Blair,E.D., Robinson,L.H., Snowden,B.W. and Tisdale,S.M.
TITLE Improved assay and reagents therefor
Patent: WO 0066774-A 9 09-NOV-2000;
JOURNAL GLAXO GROUP LIMITED (GB)

FEATURES
source Location/Qualifiers
1..24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.3%; Score 16.8; DB 1; Length 24;
Best Local Similarity 90.0%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1261 AGCCTACAGCCACACCA 1280
DB 2 AGCCACAGCCACACACCA 21

RESULT 237
ARI78167

LOCUS ARI78167 18 bp DNA linear PAT 18-DEC-2001
DEFINITION Sequence 3 from patent US 6316186.
ACCESSION ARI78167
VERSION ARI78167.1 GI:17921060

KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE
AUTHORS 1 (bases 1 to 18)
TITLE Ekins,R.Philip.
JOURNAL Binding assay using binding agents with tail groups
Patent: US 6316186-A 3 13-NOV-2001;

FEATURES
source Location/Qualifiers
1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 3.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAGAGA 1198
DB 1 GAGAGAGAGAGAGAGA 18

RESULT 238
ARI78168 18 bp DNA linear PAT 18-DEC-2001
LOCUS ARI78168/c
DEFINITION Sequence 4 from patent US 6316186.
ACCESSION ARI78168
VERSION ARI78168.1 GI:17921061

KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE
AUTHORS 1 (bases 1 to 18)
TITLE Ekins,R.Philip.
JOURNAL Binding assay using binding agents with tail groups
Patent: US 6316186-A 4 13-NOV-2001;

FEATURES
source Location/Qualifiers
1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 3.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGAG 1197
|||||

DB 18 AGAGAGAGAGAGAGAG 1

RESULT 239
A65742

LOCUS A65742 19 bp DNA linear PAT 29-MAR-1999
DEFINITION Sequence 23 from Patent WO9735973.
ACCESSION A65742
VERSION A65742.1 GI:4531361

KEYWORDS
SOURCE unidentified
ORGANISM unclassified.

REFERENCE
AUTHORS 1
lenzen,G., Plectri-Rouxel,F., Druhare, Marie-Francoise and

Trostberg,A.D.
TITLE CANINE beta 2- AND beta 3-ADRENERGIC RECEPTORS AND USE THEREOF
JOURNAL Patent: WO 9735973-A 23 02-OCT-1997;
VERTIGEN (FR)
Other publication FR 2746813 19971003.

COMMENT
source Location/Qualifiers
1..19
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 3.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4801 CTCAGCAGCTGAGATC 4818
DB 2 CTCAGCAGCTGAGATC 19

RESULT 240
E5448/c

LOCUS E5448 19 bp DNA linear PAT 27-AUG-2002
DEFINITION Peroxidase originating in paraquat-tolerant callus.
ACCESSION E5448
VERSION E5448.1 GI:22553514

KEYWORDS
SOURCE JP 2001095585-A/7.
ORGANISM synthetic construct

REFERENCE
AUTHORS 1 (bases 1 to 19)
TITLE Kondo,S., Hoya,I. and Furusawa,I.
JOURNAL Peroxidase originating in paraquat-tolerant callus
Patent: JP 2001095585-A 7 10-APR-2001;

COMMENT
TOYOTA MOTOR CORP
OS Artificial Sequence
PN JP 2001095585-A/7
PD 10-APR-2001

PF 30-SEP-1999 JP 1999279690
PI SATOSHI KONDO,IZUMI HOYA,IMAO FURUSAWA
PC C12N15/09,A01H5/10,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12N5/
PC C12N1/68,C12N15/00,C12N5/00,C12N5/00
CC Synthetic DNA

FEATURES
source Key Location/Qualifiers
1..19
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 3.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4541 AGTATCGAGAGCAGCTGA 4558
DB 18 AGTTTCAGAGCAGCTGA 1
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RESULT 241
BD228443/c      20 bp      DNA      linear      PAT 17-JUL-2003
LOCUS           IL-17 homologous polypeptide and its application to remedy.
DEFINITION      BD228445
ACCESSION       BD228445.1 GI:33038215
VERSION         JP 2002515246-A/40.
KEYWORDS        unclassified
SOURCE          unclassified
ORGANISM        unclassified.
REFERENCE       1 (bases 1 to 20)
AUTHORS        Chen,J., Filvaroff,E., Goddard,A., Gurney,A.L., Li,H. and Wood,W.I.
TITLE          IL-17 homologous polypeptide and its application to remedy
JOURNAL        Patent: JP 2002515246-A 40 28-MAY-2002;
GENENTECH INC
COMMENT         OS Unidentified
PN JP 2002515246-A/40
PD 28-MAY-2002
PF 14-MAY-1999 JP 2000549734
PR 15-MAY-1998 US 60/085579,23-DEC-1998 US 60/113621 PI
JIAN CHEN, EILSEN FILVAROFF, AUDLEY GODDARD, AUSTIN L GURNEY, PI
HANZHONG LI,
PI WILLIAM I WOOD
PC C12N15/09,A61K38/21,A61K45/00,A61P19/00,C07K14/52,C07K16/24,
PC C07K19/00,
PC C12N1/19,C12N1/21,C12N5/10,C12P21/02,C12P21/08,C12Q1/00 PC
,C12Q1/68,C12N15/00,
PC A61K37/66,C12N5/00
CC Strandedness: Single;
CC Topology: Linear; polypeptide and its application to remedy FH
CC IL-17 homologous polypeptide and its application to remedy FH
Key
FT source      Location/Qualifiers
1..20          /organism='Unidentified'.
1..20          /organism='unidentified'
1..20          /mol_type='genomic DNA'
/db_xref='taxon:32644'

Query Match
Best Local Similarity 94.4%; Score 16.4; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAGAGA 1198
Db 20 GAGAGAGAGAGAGAGA 3

RESULT 242
112665/c      20 bp      DNA      linear      PAT 26-JUL-1995
LOCUS           Sequence 75 from patent US 5427909.
DEFINITION      112665
ACCESSION       112665
VERSION         112665.1 GI:910047
KEYWORDS        Unknown.
SOURCE          Unknown.
ORGANISM        Unknown.
REFERENCE       1 (bases 1 to 20)
AUTHORS        Okamoto,H. and Nakamura,T.
TITLE          Oligonucleotides and determination system of HCV genotypes
JOURNAL        Patent: US 5427909-A 75 27-JUN-1995;
JOURNAL        Location/Qualifiers
FEATURES        1..20
source          /organism='unknown'
/mol_type='unassigned DNA'

Query Match
Best Local Similarity 94.4%; Score 16.4; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 801 TCCCTCATTCCTCCACAG 818
Db 20 TCCCTCATTCCTCCACAG 3

RESULT 243
AR208766/c      20 bp      DNA      linear      PAT 20-JUN-2002
LOCUS           Sequence 65 from patent US 6383808.
DEFINITION      AR208766
ACCESSION       AR208766
VERSION         AR208766.1 GI:21510006
KEYWORDS        Unknown.
SOURCE          Unknown.
ORGANISM        Unknown.
REFERENCE       1 (bases 1 to 20)
AUTHORS        Monia,B.P. and Freiler,S.M.
TITLE          Antisense inhibition of clusterin expression
JOURNAL        Patent: US 6383808-A 65 07-MAY-2002;
JOURNAL        Location/Qualifiers
FEATURES        1..20
source          /organism='unknown'
/mol_type='unassigned DNA'

Query Match
Best Local Similarity 94.4%; Score 16.4; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2082 CTGGGTGTCCTGCTGGC 2099
Db 20 CTGGGTGTCCTGCTGGC 3

RESULT 244
AR314310        20 bp      DNA      linear      PAT 12-JUN-2003
LOCUS           Sequence 4847 from patent US 6559294.
DEFINITION      AR314310
ACCESSION       AR314310
VERSION         AR314310.1 GI:31707736
KEYWORDS        Unknown.
SOURCE          Unknown.
ORGANISM        Unknown.
REFERENCE       1 (bases 1 to 20)
AUTHORS        Griffais,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
TITLE          Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL        Patent: US 6559294-A 4847 06-MAY-2003;
JOURNAL        Location/Qualifiers
FEATURES        1..20
source          /organism='unknown'
/mol_type='genomic DNA'

Query Match
Best Local Similarity 94.4%; Score 16.4; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1620 CTTCACTGCGAGAGCT 1637
Db 2 CTTCACTGCGAGAGCT 19

RESULT 245
AR359670/c      20 bp      DNA      linear      PAT 17-AUG-2003
LOCUS           Sequence 40 from patent US 6593456.
DEFINITION      AR359670
ACCESSION       AR359670
VERSION         AR359670.1 GI:33766414
KEYWORDS        Unknown.
SOURCE          Unknown.
ORGANISM        Unknown.
REFERENCE       1 (bases 1 to 20)
AUTHORS        Griffais,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
TITLE          Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL        Patent: US 6593456-A 40 17-AUG-2003;
JOURNAL        Location/Qualifiers
FEATURES        1..20
source          /organism='unknown'
/mol_type='unassigned DNA'

```

REFERENCE 1 (bases 1 to 20)
AUTHORS Gatanaaga,T. and Granger,G.A.
TITLE Tumor necrosis factor receptor releasing enzyme
JOURNAL Patent: US 6593456-A 40 15-JUL-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 3.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAGAGA 1198
|||||
20 GAGAGAGAGAGAGAGA 3

Db

RESULT 246
BD012433/c 20 bp DNA linear PAT 02-AUG-2002
LOCUS A novel gene encoding TSP1-like protein.
DEFINITION BD012433
ACCESSION BD012433.1 GI:22092622
KEYWORDS WO 0109321-A/17.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
Ota,T., Isogai,T., Nishikawa,T., Hayashi,K., Saito,K., Yamamoto,J., Ishii,S., Sugiyama,T., Wakamatsu,A., Nagai,K., Otsuki,T., Murakami,K., Yano,K., Kanzaki,K. and Inoue,Y.
A novel gene encoding TSP1-like protein
Patent: WO 0109321-A 17 08-FEB-2001;
HELIX RESEARCH INSTITUTE, TOSHIO OTA, TAKAO ISOGAI, TETSUO NISHIKAWA, KOJI HAYASHI, KAORU SAITO, JUNICHI YAMAMOTO, SHIZUKO ISHII, OMORU SUGIYAMA, AI WAKAMATSU, KEIICHI NAGAI, TETSUJI OTSUKI, KOJI MURAKAMI, AZUHIRO YANO, KOJI KANZAKI, YOSHIOHISA INOUE
OS Artificial Sequence
PN WO 0109321-A/17
PD 08-FEB-2001
PR 28-JUL-2000 WO 2000JP005068
PR 29-JUL-1999 JP 99P 248036,27-AUG-1999 JP 99P 300253 PR
11-JAN-2000 JP 00P 118776,02-MAY-2000 JP 00P 183767 PR
18-OCT-1999 US 60/159590,17-FEB-2000 US 60/183322 PI TOSHIO OTA, TAKAO ISOGAI, TETSUO NISHIKAWA, KOJI HAYASHI, PI KAORU SAITO, JUNICHI YAMAMOTO, SHIZUKO ISHII, TOMOYASU SUGIYAMA, AI WAKAMATSU, PI KEIICHI NAGAI, TETSUJI OTSUKI, KOJI MURAKAMI, KAZUHIRO YANO, PI KOJI KANZAKI, YOSHIOHISA INOUE
PC C12N15/12,C07K14/47,C07K16/18,C12P21/08
CC Description of Artificial Sequence:an artificially synthesized primer
FH Key sequence KOJI KANZAKI,
CC sequence
FH Key Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

FEATURES source Location/Qualifiers

Query Match 0.3%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 3.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2376 CTACAGCTTCATTCACCT 2393
|||||
20 CTACAGCTTCATTCACCT 3

Db

RESULT 247
AX096891/c

LOCUS AX096891 21 bp DNA linear PAT 30-MAR-2001
DEFINITION Sequence 2069 from Patent WO0118250.
ACCESSION AX096891
VERSION AX096891.1 GI:13513159
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.Q. and McCarty,J.J.
Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 2069 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium Pharmaceuticals, Inc. (US)
FEATURES Location/Qualifiers
1..21
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 79 CCTGTCTGTGGCGCTCTCC 98
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20 CCTGTCTGTGGCGATGCTCC 1

Db

RESULT 248
AX601193 22 bp DNA linear PAT 17-FEB-2003
LOCUS Sequence 288 from Patent WO02092851.
DEFINITION AX601193
ACCESSION AX601193
VERSION AX601193.1 GI:28401276
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
Binns,M.M. and Swinburne,J.E.
AUTHORS Genetic Typing
TITLE Patent: WO 02092851-A 288 21-NOV-2002;
JOURNAL ANIMAL HEALTH TRUST (GB) ; The British Horseracing Board (GB)
FEATURES Location/Qualifiers
1..22
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

FEATURES source Location/Qualifiers

Query Match 0.3%; Score 16.4; DB 1; Length 22;
Best Local Similarity 94.4%; Pred. No. 3.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4870 TCTCAGTTCTTCTCTCG 4887
|||||
3 TCTCAGTTCTCTCTCTG 20

Db

RESULT 249
AR030359 21 bp DNA linear PAT 29-SEP-1999
LOCUS Sequence 18 from patent US 5861260.
DEFINITION AR030359
ACCESSION AR030359
VERSION AR030359.1 GI:5943573
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)

AUTHORS Doxsey,S.J.
TITLE Diagnostic methods for screening patients for scleroderma
JOURNAL Patent: US 5861260-A 18-19-JAN-1999;
FEATURES Location/Qualifiers
source 1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2838 CAGGACAGACAGATCAACATG 2858
DB 1 CAGGACGATCAATCAAGAG 21

RESULT 250
LOCUS AR050998 21 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 10 from patent US 5830646.
ACCESSION AR050998
VERSION AR050998.1 GI:5974362
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 21)
AUTHORS Tatin,D. and Matsumura,Y.
TITLE Diagnostic method
JOURNAL Patent: US 5830646-A 10-03-NOV-1998;
FEATURES Location/Qualifiers
source 1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3255 CCAGACCTGGCCTCTGTGCT 3275
DB 21 CCAGAACTGTCTCTGGGCT 1

RESULT 251
LOCUS AR080294 21 bp DNA linear PAT 31-AUG-2000
DEFINITION Sequence 13 from patent US 5968754.
ACCESSION AR080294
VERSION AR080294.1 GI:10007029
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 21)
AUTHORS Watson,W.A. and Fleming,T.P.
TITLE Mamaglobin, a mammary-specific breast cancer protein
JOURNAL Patent: US 5968754-A 13-19-OCT-1999;
FEATURES Location/Qualifiers
source 1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAA 5413
DB 21 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 252
LOCUS AR084521 21 bp DNA linear PAT 01-SEP-2000
DEFINITION Sequence 10 from patent US 5981185.
ACCESSION AR084521
VERSION AR084521.1 GI:10011292
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 21)
AUTHORS Watson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
TITLE Oligonucleotide repeat arrays
JOURNAL Patent: US 5981185-A 10-09-NOV-1999;
FEATURES Location/Qualifiers
source 1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAA 5413
DB 1 AAAAAAAAAAAAAAAAAAAAA 21

RESULT 253
LOCUS AR084524 21 bp DNA linear PAT 01-SEP-2000
DEFINITION Sequence 13 from patent US 5981185.
ACCESSION AR084524
VERSION AR084524.1 GI:10011295
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 21)
AUTHORS Watson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
TITLE Oligonucleotide repeat arrays
JOURNAL Patent: US 5981185-A 13-09-NOV-1999;
FEATURES Location/Qualifiers
source 1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAAA 5413
DB 21 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 254
LOCUS AR093143 21 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 12 from patent US 5998596.
ACCESSION AR093143
VERSION AR093143.1 GI:10019895
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 21)
AUTHORS Bergan,R. and Neckers,L.
TITLE Inhibition of protein kinase activity by aptameric action of
oligonucleotides
JOURNAL Patent: US 5998596-A 12-07-DEC-1999;
FEATURES Location/Qualifiers
source 1..21

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/organism="unknown"
/mol_type="unassigned DNA"

Query Match
  0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATGCAAAAAGAAAAAT 5413
Db 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 255
AR095412/c 21 bp DNA linear PAT 08-SEP-2000
LOCUS AR095412
DEFINITION Sequence 13 from patent US 6004756.
ACCESSION AR095412
VERSION AR095412.1 GI:10023262
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
  1 (bases 1 to 21)
  Watson,M.A. and Fleming,T.P.
  Method for detecting the presence of breast cancer by detecting an
  increase in mammaglobin mRNA expression
  Patent: US 6004756-A 13 21-DEC-1999;
  Location/Qualifiers
    1..21
    /organism="unknown"
    /mol_type="unassigned DNA"

Query Match
  0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATGCAAAAAGAAAA 5413
Db 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 256
AR153849 21 bp DNA linear PAT 08-AUG-2001
LOCUS AR153849
DEFINITION Sequence 2 from patent US 6238624.
ACCESSION AR153849
VERSION AR153849.1 GI:15121902
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
  1 (bases 1 to 21)
  Heller,M.J., Tu,E., Evans,G.A. and Sosnowski,R.G.
  Methode for transport in molecular biological analysis and
  diagnostic
  Patent: US 6238624-A 2 29-MAY-2001;
  Location/Qualifiers
    1..21
    /organism="unknown"
    /mol_type="unassigned DNA"

Query Match
  0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5396 AAAATGCAAAAAGAAAAAT 5416
Db 1 AAAAAAAAAAAAAAAAAAAAAA 21

RESULT 257
BD224108/c 21 bp DNA linear PAT 17-JUL-2003
LOCUS BD224108
```

```
DEFINITION Mammaglobin, breast cancer secretory protein specific to mamma.
ACCESSION BD224108
VERSION BD224108.1 GI:33033878
KEYWORDS JP 2002525098-A/10.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
  1 (bases 1 to 21)
  Watson,M.A. and Fleming,T.P.
  Mammaglobin, breast cancer secretory protein specific to mamma
  Patent: JP 2002525098-A 10 13-AUG-2002;
  WASHINGTON UNIVERSITY
COMMENT
  OS Artificial Sequence
  PN JP 2002525098-A/10
  PD 13-AUG-2002
  PR 29-SEP-1999 JP 2000572241
  PR 29-SEP-1998 US 09/162622
  PI MARK A WATSON,TIMOTHY P FLEMING
  PC C12N15/09,C12Q1/68,G01N33/53,G01N33/566,G01N33/577//G01N33/574, PC
  C12N15/00
  CC Description of Artificial Sequence:Synthetic
  FH Key Location/Qualifiers
  FT source 1..21 /organism='Artificial Sequence'.
  FT Location/Qualifiers
    1..21
    /organism="synthetic construct"
    /mol_type="genomic DNA"
    /db_xref="taxon:32630"

Query Match
  0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATGCAAAAAGAAAA 5413
Db 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 258
I16166 21 bp DNA linear PAT 13-MAY-1997
LOCUS I16166
DEFINITION Sequence 2 from patent US 5605662.
ACCESSION I16166
VERSION I16166.1 GI:2086679
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
  1 (bases 1 to 21)
  Heller,M.J. and Tu,E.
  Active programmable electronic devices for molecular biological
  analysis and diagnostics
  Patent: US 5605662-A 2 25-FEB-1997;
  Location/Qualifiers
    1..21
    /organism="unknown"
    /mol_type="unassigned DNA"

Query Match
  0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5396 AAAATGCAAAAAGAAAAAT 5416
Db 1 AAAAAAAAAAAAAAAAAAAAAA 21

RESULT 259
I65744/c 21 bp DNA linear PAT 07-OCT-1997
LOCUS I65744
DEFINITION Sequence 13 from patent US 5668267.
```

ACCESSION 165744
VERSION 165744.1 GI:2482314
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Watson,M.A. and Fleming,T.P.
TITLE Polynucleotides encoding mammaglobin, a mammary-specific breast
JOURNAL
FEATURES
source
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAA 5413
DB 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 260
AR228207/c
LOCUS AR228207 21 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 108 from patent US 6448003.
ACCESSION AR228207
VERSION AR228207.1 GI:27266953
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Guide,M. and Kurth,J.
TITLE Genotyping the human phenol sulfoltransferase 2 gene STP2
JOURNAL Patent: US 6448003-A 108 10-SEP-2002;
FEATURES
source
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1195 GAGAAATCAGAGAAAGCAGG 1215
DB 21 GAGAAAGCTGAGTATAGGCAGG 1

RESULT 261
AR241831/c
LOCUS AR241831 21 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 119 from patent US 6472154.
ACCESSION AR241831
VERSION AR241831.1 GI:27287643
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Garner,H.R., Wren,J.D., Minna,J.D. and Fondon,J.W. III.
TITLE Polymorphic repeats in human genes
JOURNAL Patent: US 6472154-A 119 29-OCT-2002;
FEATURES
source
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 21;

Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAA 5413
DB 21 AAAAAAAAAATAAAAAAAAAAAAA 1

RESULT 262
AR298620
LOCUS AR298620 21 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 10355 from patent US 6537751.
ACCESSION AR298620
VERSION AR298620.1 GI:31685904
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density
JOURNAL disequilibrium map of the human genome
FEATURES Patent: US 6537751-A 10355 25-MAR-2003;
source
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5184 CAAATTGGGGTTCAGCGTGG 5204
DB 1 CAAATTGGGGCTTAGCATGG 21

RESULT 263
AR307358
LOCUS AR307358 21 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 57 from patent US 6551775.
ACCESSION AR307358
VERSION AR307358.1 GI:31697885
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Lifton,R.P., Chang,S.S. and Roszler,B.C.
TITLE Method to diagnose and treat pathological conditions resulting from
JOURNAL deficient ion transport such as pseudohypoadosteronism type-1
FEATURES Patent: US 6551775-A 57 22-APR-2003;
source
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2635 CCGTCCTGCAGCTGCTGCTG 2655
DB 1 CCGTCCTGCAGCTGCTGCTG 21

RESULT 264
AR322245/c
LOCUS AR322245 21 bp DNA linear PAT 17-AUG-2003
DEFINITION Sequence 13 from patent US 6566072.
ACCESSION AR322245
VERSION AR322245.1 GI:33707814
KEYWORDS

SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 21)
AUTHORS Watson,M.A. and Fleming,T.P.
TITLE Mammaglobin, a secreted mammary-specific breast cancer protein
JOURNAL Patent: US 6566072-A 13 20-MAY-2003;
FEATURES Location/Qualifiers
source 1..21
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAAAA 5413
Db 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 265
AR452591/c AR452591 21 bp mRNA linear PAT 20-FEB-2004
DEFINITION Sequence 13 from patent US 6677428.
ACCESSION AR452591
VERSION AR452591.1 GI:42684381
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 21)
AUTHORS Watson,M.A. and Fleming,T.P.
TITLE Mammaglobin, a secreted mammary-specific breast cancer protein
JOURNAL Patent: US 6677428-A 13 13-JAN-2004;
FEATURES Location/Qualifiers
source 1..21
/organism="unknown"
/mol_type="mRNA"

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAATCAAAAAAGAAAA 5413
Db 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 266
AX104720/c AX104720 21 bp DNA linear PAT 30-APR-2001
DEFINITION Sequence 912 from Patent WO0122972.
ACCESSION AX104720
VERSION AX104720.1 GI:13920917
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE artificial sequences.
1
AUTHORS Kriegl,A.M., Schetter,C. and Vollmer,J.C.
TITLE Immunostimulatory nucleic acids
JOURNAL Patent: WO 0122972-A 912 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
GmbH (DB)
FEATURES Location/Qualifiers
source 1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;

Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAATCAAAAAAGAAAA 5413
Db 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 267
AX108449/c AX108449 21 bp DNA linear PAT 30-APR-2001
DEFINITION Sequence 12 from Patent WO0123548.
ACCESSION AX108449
VERSION AX108449.1 GI:13923775
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE artificial sequences.
1
AUTHORS Dorlt,R.L. and Cole,K.B.
TITLE Dna-cleaving nase p rna
JOURNAL Patent: WO 0123548-A 12 05-APR-2001;
YALE UNIVERSITY (US)
FEATURES Location/Qualifiers
source 1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer"

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4263 CTTTCACCTCTACCTGATCCC 4283
Db 21 CTTTCACCTCTACCTGATCCC 1

RESULT 268
AX108450 AX108450 21 bp DNA linear PAT 30-APR-2001
DEFINITION Sequence 13 from Patent WO0123548.
ACCESSION AX108450
VERSION AX108450.1 GI:13923776
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE artificial sequences.
1
AUTHORS Dorlt,R.L. and Cole,K.B.
TITLE Dna-cleaving nase p rna
JOURNAL Patent: WO 0123548-A 13 05-APR-2001;
YALE UNIVERSITY (US)
FEATURES Location/Qualifiers
source 1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer"

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4263 CTTTCACCTCTACCTGATCCC 4283
Db 1 CTTTCACCTCTACCTGATCCC 21

RESULT 269
AX355812/c AX355812 21 bp DNA linear PAT 06-FEB-2002
DEFINITION Sequence 840 from Patent WO0197843.

Accession	Version	GI	Score	DB	Length	Patent
AX355812	AX355812.1	GI:18620480	0.3%;	DB 1;	21 bp	PAT 19-MAR-2002
KEYWORDS	synthetic construct					
SOURCE	synthetic construct					
ORGANISM	artificial sequences.					
REFERENCE	1					
AUTHORS	Weiner, G. and Hartmann, G.					
TITLE	Methods for enhancing antibody-induced cell lysis and treating cancer					
JOURNAL	Patent: WO 0197843-A 840 27-DEC-2001;					
FEATURES	UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)					
SOURCE	Location/Qualifiers					
	1..21					
	/organism="synthetic construct"					
	/mol_type="unassigned DNA"					
	/db_xref="taxon:32630"					
	/note="Synthetic oligonucleotide-phosphorothioate backbone"					
Query Match	0.3%;	Score 16.2;	DB 1;	Length 21;		
Best Local Similarity	85.7%;	Pred. No. 3.9e+02;				
Matches	18;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;	
QY	5393	AAAAAAAAATACAAAAGAAA	5413			
Db	21	AAAAAAAAAAAAAAAAAAAAA	1			
RESULT 270	LOCUS	AX384817/C				
	AX384817	21 bp	DNA	linear		PAT 19-MAR-2002
DEFINITION	Sequence 17 from Patent WO0210452.					
ACCESSION	AX384817					
VERSION	AX384817.1	GI:19577951				
KEYWORDS						
SOURCE	synthetic construct					
ORGANISM	synthetic construct					
REFERENCE	1					
AUTHORS	Chang, C.					
TITLE	Methods and compositions for predicting prostate cancer					
JOURNAL	Patent: WO 0210452-A 17 07-FEB-2002;					
FEATURES	University of Rochester (US)					
SOURCE	Location/Qualifiers					
	1..21					
	/organism="synthetic construct"					
	/mol_type="unassigned DNA"					
	/db_xref="taxon:32630"					
	/note="Sequence can be repeated one or more times"					
Query Match	0.3%;	Score 16.2;	DB 1;	Length 21;		
Best Local Similarity	85.7%;	Pred. No. 3.9e+02;				
Matches	18;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;	
QY	1262	GCCCTACAGCCCCACACCACC	1282			
Db	21	GCCACACACCCACACCACC	1			
RESULT 271	LOCUS	AX547773/C				
	AX547773	21 bp	DNA	linear		PAT 01-MAR-2003
DEFINITION	Sequence 912 from Patent WO02053141.					
ACCESSION	AX547773					
VERSION	AX547773.1	GI:25812917				
KEYWORDS						
SOURCE	synthetic construct					
ORGANISM	synthetic construct					
REFERENCE	1					
AUTHORS	Bratzler, R.L.					
TITLE	Inhibition of angiogenesis by nucleic acids					

JOURNAL	Patent: WO 02053141-A 912 11-JUN-2002;
JOURNAL	Coley Pharmaceutical Group, Inc. (US)
FEATURES	Location/Qualifiers
Source	1..21
	/organism="synthetic construct"
	/mol_type="unassigned DNA"
	/db_xref="taxon:32630"
	/note="Synthetic Sequence"
Query Match	0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity	85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;	
Oy	5393 AAAAAAAAAACAAAGAAA 5413
Db	21 AAAAAAAAAAAAAAAAAAAAAA 1
RESULT 272	
AX825106/c	
LOCUS	AX825106 21 bp DNA linear PAT 11-DEC-2003
DEFINITION	Sequence 4 from Patent WO03072818.
ACCSSION	AX825106
VERSION	AX825106.1 GI:39750835
KEYWORDS	
SOURCE	.
ORGANISM	synthetic construct
	synthetic construct
	artificial sequences.
REFERENCE	1
AUTHORS	Boekenkamp,D., Dieck,T.H. and Hoppe,H.U.
TITLE	Method for sorting single-stranded nucleic acids
JOURNAL	Patent: WO 03072818-A 4 04-SEP-2003;
	Degussa Bioactives GmbH (DE)
LOCATION/Qualifiers	
source	1..21
	/organism="synthetic construct"
	/mol_type="unassigned DNA"
	/db_xref="taxon:32630"
	/note="Beschreibung der kuenstlichen
	Sequenz:Capture-Oligonukleotid"
	1
	/bound_molety="Biotin"
misc_binding	
modified_base	
	3/note="LNA-T (Locked Nucleic Acid)"
	/mod_base=OTHER
modified_base	
	6/note="LNA-T (Locked Nucleic Acid)"
	/mod_base=OTHER
modified_base	
	9/note="LNA-T (Locked Nucleic Acid)"
	/mod_base=OTHER
modified_base	
	12/note="LNA-T (Locked Nucleic Acid)"
	/mod_base=OTHER
modified_base	
	15/note="LNA-T (Locked Nucleic Acid)"
	/mod_base=OTHER
modified_base	
	18/note="LNA-T (Locked Nucleic Acid)"
	/mod_base=OTHER
Query Match	0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity	85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;	
Oy	5390 ATTAAAAAAAAATCAAAAAGA 5410
Db	21 ATTAAAAAAAAAAAAAAAAAAAAA 1
RESULT 273	
AX825131/c	
LOCUS	AX825131 21 bp DNA linear PAT 11-DEC-2003

DEFINITION Sequence 29 from Patent WO03072818.
ACCESSION AX825131
VERSION AX825131.1 GI:39750860
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Boekenkamp,D., Dieck,T.H. and Hoppe,H.U.
TITLE Method for sorting single-stranded nucleic acids
JOURNAL Patent: WO 03072818-A 29 04-SEP-2003;
Degussa Bioactives GmbH (DE)
FEATURES
source 1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
Sequenz: Capture-Oligonukleotid"
misc_binding 1
/bound_moiety="Biotin"
modified_base 3
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
modified_base 6
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
modified_base 9
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
modified_base 12
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
modified_base 15
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
modified_base 18
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5400 TACAAAAAAGAAAAATGAAA 5420
|||||
Db 21 TACAAAAAAGAAAAA 1
RESULT 274
AX825151/c 21 bp DNA 1linear PAT 11-DEC-2003
LOCUS AX825151
DEFINITION Sequence 49 from Patent WO03072818.
ACCESSION AX825151
VERSION AX825151.1 GI:39750880
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Boekenkamp,D., Dieck,T.H. and Hoppe,H.U.
TITLE Method for sorting single-stranded nucleic acids
JOURNAL Patent: WO 03072818-A 49 04-SEP-2003;
Degussa Bioactives GmbH (DE)
FEATURES
source 1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
Sequenz: Capture-Oligonukleotid"
misc_binding 1
/bound_moiety="Biotin"

modified_base 3
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
modified_base 6
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
modified_base 9
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
modified_base 12
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
modified_base 15
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
modified_base 18
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5391 TTAAAAAATACAAAAAGAA 5411
|||||
Db 21 TTAAAAAATACAAAAA 1
RESULT 275
AX825158/c 21 bp DNA 1linear PAT 11-DEC-2003
LOCUS AX825158
DEFINITION Sequence 56 from Patent WO03072818.
ACCESSION AX825158
VERSION AX825158.1 GI:39750887
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Boekenkamp,D., Dieck,T.H. and Hoppe,H.U.
TITLE Method for sorting single-stranded nucleic acids
JOURNAL Patent: WO 03072818-A 56 04-SEP-2003;
Degussa Bioactives GmbH (DE)
FEATURES
source 1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
Sequenz: Capture-Oligonukleotid"
misc_binding 1
/bound_moiety="Biotin"
modified_base 3
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
modified_base 6
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
modified_base 9
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
modified_base 12
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
modified_base 15
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
modified_base 18
/note="LNA-T (locked Nucleic Acid) "
/mod_base=OTHER
Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5401 AAAAAAAAAAATGAAA 5421
 Db 21 AAAAAAAAAAAAAAAAAA 1

RESULT 276
 AX825163/c 21 bp DNA linear PAT 11-DEC-2003
 LOCUS Sequence 61 from Patent WO03072818.
 DEFINITION AX825163
 ACCESSION AX825163.1 GI:39750892
 VERSION
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 artificial sequences.

REFERENCE 1
 AUTHORS Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
 TITLE Method for sorting single-stranded nucleic acids
 JOURNAL Patent: WO 03072818-A 61 04-SEP-2003;
 Degussa Bioactives GmbH (DE)
 Location/Qualifiers
 1..21
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="Beschreibung der kuenstlichen Sequenz: Capture-Oligonukleotid"

FEATURES
 source
 misc_binding
 1 /bound_moiety="Biotin"
 modified_base
 3 /note="LNA-T (Locked Nucleic Acid)"
 /mod_base=OTHER
 modified_base
 6 /note="LNA-T (Locked Nucleic Acid)"
 /mod_base=OTHER
 modified_base
 9 /note="LNA-T (Locked Nucleic Acid)"
 /mod_base=OTHER
 modified_base
 12 /note="LNA-T (Locked Nucleic Acid)"
 /mod_base=OTHER
 modified_base
 15 /note="LNA-T (Locked Nucleic Acid)"
 /mod_base=OTHER
 modified_base
 18 /note="LNA-T (Locked Nucleic Acid)"
 /mod_base=OTHER

Query Match 0.3%; Score 16.2; DB 1; Length 21;
 Best Local Similarity 85.7%; Pred. No. 3.9e+02;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATCAAAAAAGAAA 5412
 Db 21 TAAAAAATCAAAAAAGAAA 1

RESULT 277
 AX825166/c 21 bp DNA linear PAT 11-DEC-2003
 LOCUS Sequence 64 from Patent WO03072818.
 DEFINITION AX825166
 ACCESSION AX825166.1 GI:39750895
 VERSION
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 artificial sequences.

REFERENCE 1
 AUTHORS Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
 TITLE Method for sorting single-stranded nucleic acids
 JOURNAL Patent: WO 03072818-A 64 04-SEP-2003;

FEATURES Degussa Bioactives GmbH (DE)
 Location/Qualifiers
 1..21
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="Beschreibung der kuenstlichen Sequenz: Capture-Oligonukleotid"

misc_binding
 1 /bound_moiety="Biotin"
 modified_base
 3 /note="LNA-T (Locked Nucleic Acid)"
 /mod_base=OTHER
 modified_base
 6 /note="LNA-T (Locked Nucleic Acid)"
 /mod_base=OTHER
 modified_base
 9 /note="LNA-T (Locked Nucleic Acid)"
 /mod_base=OTHER
 modified_base
 12 /note="LNA-T (Locked Nucleic Acid)"
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 modified_base
 15 /note="LNA-T (Locked Nucleic Acid)"
 /mod_base=OTHER
 modified_base
 18 /note="LNA-T (Locked Nucleic Acid)"
 /mod_base=OTHER

Query Match 0.3%; Score 16.2; DB 1; Length 21;
 Best Local Similarity 85.7%; Pred. No. 3.9e+02;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAAGAAA 5413
 Db 21 AAAAAAATCAAAAAAGAAA 1

RESULT 278
 BD070802 21 bp DNA linear PAT 27-AUG-2002
 LOCUS Method to diagnose and treat pathological conditions resulting from
 DEFINITION deficient ion transport such as Pseudohypoadosteronism type-1.
 BD070802
 accession BD070802.1 GI:22616405
 version JP 2001514521-A/41.
 keywords JP 2001514521-A/41.
 source unidentified
 organism unidentified
 unclassified.

REFERENCE 1 (bases 1 to 21)
 AUTHORS Lifton, R.P., Chang, S.S. and Rossier, B.C.
 TITLE Method to diagnose and treat pathological conditions resulting from
 JOURNAL deficient ion transport such as Pseudohypoadosteronism type-1
 Patent: JP 2001514521-A 41 11-SEP-2001;
 YALB UNIVERSITY
 OS unidentified
 PN JP 2001514521-A/41
 PD 11-SEP-2001
 PR 11-MAR-1998 JP 1996539716
 PI 11-MAR-1997 US 60/040171
 P1 RICHARD P LIFTON, SUE S CHANG, BERNARD C ROSSIER PC
 C1201/68, C07K16/18, C12N15/12, C12N5/10, C07K14/47 CC Strandedness:
 Single;
 CC Topology: Linear;
 CC /desc = 'primer'
 FH key Location/Qualifiers
 FT source 1..21
 /organism="unidentified"
 /mol_type="genomic DNA"
 /db_xref="taxon:32644"

FEATURES
 source Location/Qualifiers
 1..21
 /organism="unidentified"
 /mol_type="genomic DNA"
 /db_xref="taxon:32644"

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2635 CCGTCCCTGCAGCTGCTGCTG 2655
DB 1 CCTGCCCTGCAGCTGATGCTG 21

RESULT 279
BD080504 21 bp DNA linear PAT 27-AUG-2002
LOCUS BD080504
DEFINITION Atrial natriuretic factor variant and ischemic fit.
ACCESSION BD080504.1 GI:22626107
VERSION JP 2001514864-A/5
KEYWORDS JP 2001514864-A/5
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 21)
AUTHORS Shinkens,R.A.
TITLE Atrial natriuretic factor variant and ischemic fit
JOURNAL Patent: JP 2001514864-A 5 18-SEP-2001;
CURAGEN CORP

COMMENT OS Artificial Sequence
PN JP 2001514864-A/5
PD 18-SEP-2001
PE 20-AUG-1998 JP 2000509271
PR 21-AUG-1997 US 08/916043
PI RICHARD A SHINKENS
PC C12N15/09,A01K67/00,A61K38/22,A61P9/10,C07K14/58,G01N33/15, PC
G01N33/50//
PC C12P21/02,C12N15/00,A61K37/24
CC Description of Artificial Sequence: primer
FH key Location/Qualifiers
FT source 1..21
FT Location/Qualifiers
1..21 /organism='Artificial Sequence',
source /organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5146 GGACCACTTGCCTGCTGCTG 5166
DB 1 GGATCCATTGTCTCGGCTG 21

RESULT 280
BD080832 21 bp DNA linear PAT 27-AUG-2002
LOCUS BD080832
DEFINITION Mamaglobin, a secreted mammary specific breast cancer protein.
ACCESSION BD080832
VERSION BD080832.1 GI:22626435
KEYWORDS JP 2001516569-A/10.
SOURCE unidentifed
ORGANISM unidentifed
unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Watson,M.A. and Fleming,T.P.
TITLE Mamaglobin, a secreted mammary specific breast cancer protein
JOURNAL Patent: JP 2001516569-A 10 02-OCT-2001;
WASHINGTON UNIVERSITY
OS Unidentifed
PN JP 2001516569-A/10
PD 02-OCT-2001
PE 18-SEP-1998 JP 2000511779
PR 18-SEP-1997 US 08/933149

PI MARK A WATSON,TIMOTHY P FLEMING
PC C12N15/09,A61K35/26,A61K39/00,A61K39/00,A61K39/395,A61K39/395,
PC A61P35/00,
PC C07K14/47,C12N15/00
CC Strandedness: Single;
CC Topology: linear;
CC Mamaglobin, a secreted mammary specific breast cancer protein
FH key Location/Qualifiers
FT source 1..21
FT Location/Qualifiers
1..21 /organism='Unidentifed',
source /organism='Unidentifed',
1..21
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32644'

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5413
DB 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 281
BD087491 21 bp DNA linear PAT 27-AUG-2002
LOCUS BD087491
DEFINITION Self-assembling microelectronic integration system capable of
designating self address, compartment device, mechanism, method and
operation for molecular biological analysis and diagnosis.
ACCESSION BD087491.1 GI:22633101
KEYWORDS JP 2001525193-A/2.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 21)
AUTHORS Sosnowski,R.G., Butler,W.F., Tu,E., Nerenberg,M.I., Heller,M.J. and
Edman,C.F.
TITLE Self-assembling microelectronic integration system capable of
designating self address, compartment device, mechanism, method and
operation for molecular biological analysis and diagnosis
JOURNAL Patent: JP 2001525193-A 2 11-DEC-2001;
NANOGEN INC

COMMENT OS Artificial Sequence
PN JP 2001525193-A/2
PD 11-DEC-2001
PE 01-DEC-1998 JP 2000524303
PR 05-DEC-1997 US 08/986065
PI RONALD G SOSNOWSKI,WILLIAM F BUTLER,EUGENE TU,MICHAEL I PI
NERENBERG,
PI MICHAEL J HELLER,CARL F EDMAN
PC C12Q1/68,C12N15/09,C12N15/00
CC Description of Artificial Sequence: Synthesized with u at 3'
CC terminus to
CC provide ribonucleic acid base for reactivity; Poly A sequence
CC for reduced
CC secondary structure
FH key Location/Qualifiers
FT source 1..21
FT Location/Qualifiers
1..21 /organism='Artificial Sequence',
source /organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5396 AAAAAATACAAAAAGAAAAT 5416


```
/note="A novel FISIR-PCR primer for genotyping eukaryotes"
Query Match 0.3%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1174 GAAATCAGAGAGAGAGAGA 1194
DB 2 GTAAATGAGAGAGAGAGAGA 22

RESULT 287
LOCUS CQ788046 23 bp DNA linear PAT 24-MAR-2004
DEFINITION Sequence 352 from Patent WO2004020664.
ACCESSION CQ788046
VERSION CQ788046.1 GI:45722398
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 Geldermann, H., Preuss, S. and Han, Y.
AUTHORS Polymorphic microsatellite loci in genes for pre-diagnostic
TITLES purposes
JOURNAL Patent: WO 2004020664-A 352 11-MAR-2004;
UNIVERSITÄT HOHENHEIM (DB)
FEATURES Location/Qualifiers
source 1..23
/mol_type="Homo sapiens"
/db_xref="taxon:9606"
1..23
/note="M1, Allel A (Prp-Gen)"
1..4
/repeat_unit /note="Anzahl der Wiederholungen: 7"
8..11
/repeat_unit /note="Anzahl der Wiederholungen: 2"
16..19
/repeat_unit /note="Anzahl der Wiederholungen: 1"

Query Match 0.3%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5403 AAAAAAGAAAAATGAAAA 5423
DB 22 AAAAAAGAAAAAGAAAA 2

RESULT 288
LOCUS AR256325 23 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 31 from patent US 6482937.
ACCESSION AR256325
VERSION AR256325.1 GI:27305826
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 23)
AUTHORS Baetecher, M.W., Akiyoshi, D.E. and Kaplan, R.A.
TITLES Porcine Oct-4 Promoter
JOURNAL Patent: US 6482937-A 31 19-NOV-2002;
FEATURES Location/Qualifiers
source 1..23
/mol_type="genomic DNA"

Query Match 0.3%; Score 16.2; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 4.1e+02;
Matches 18; Conservative 1; Mismatches 4; Indels 0; Gaps 0;
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```
QY 3257 AGACCTGGCTCTGTGCTTACT 3279
DB 23 AGGTCTGTGTCTGTGTGTAAGT 1

RESULT 289
LOCUS AX003445 23 bp DNA linear PAT 07-SEP-2000
DEFINITION Sequence 25 from Patent WO928439.
ACCESSION AX003445
VERSION AX003445.1 GI:9927249
KEYWORDS
SOURCE B19 virus
ORGANISM Viruses; ssDNA viruses; Parvoviridae; Parvovirinae; Erythrovirus.
REFERENCE 1 Auguste, V., Garbarg-Chenon, A. and Nguyen, Q.T.
AUTHORS Erythrovirus and its applications
TITLES Patent: WO 928439-A 25 10-JUN-1999;
JOURNAL ASSIST PUBL HOPITAUX DE PARIS (FR); AUGUSTE VERONIQUE (FR); GARBARG
CHENON ANTOINE (FR); NGUYEN QUANG TRI (FR)
FEATURES Location/Qualifiers
source 1..23
/mol_type="B19 virus"
/db_xref="taxon:10798"

Query Match 0.3%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5400 TACAAAAAGAAAAATGAAA 5420
DB 2 TAAAAAATATAAAAAATGAAA 22

RESULT 290
LOCUS BD078732 23 bp DNA linear PAT 27-AUG-2002
DEFINITION B type DNA polymerase mutant with improved performance in PCR.
ACCESSION BD078732
VERSION BD078732.1 GI:22624335
KEYWORDS JP 2001269188-A/12.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 23)
AUTHORS Sobek, H., Frey, B., Antzanikian, G., Boehlke, K., Pisani, F.M. and
Rosel, M.
TITLES B type DNA polymerase mutant with improved performance in PCR
JOURNAL Patent: JP 2001269188-A 12 02-OCT-2001;
COMMENT ROCHER DIAGNOSTICS GMBH
OS Artificial Sequence
PN JP 2001269188-A/12
PD 02-OCT-2001
PF 06-MAR-2001 JP 2001061781
PR 11-MAR-2000 EP 00105155.6
PI HARALD SOBEK, BRUNO FREY, GARABED ANTZANIKIAN, KRISTINA BOEHLKE,
PI FRANCESCA MARIA PISANI, MOSE ROSSI
PC C12N15/09, C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12N9/10 PC
PC C12Q1/68//C12P19/34
PC C12N15/00, C12N5/00
CC Description of Artificial Sequence: Artificial FH Key
FEATURES Location/Qualifiers
FT source 1..23
/mol_type="Artificial Sequence".
1..23
/mol_type="synthetic construct"
/db_xref="taxon:32630"
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Query Match 0.3%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4406 AGAAGATGAGACTCTGCTGT 4426
|||||
21 ATAAAGTAGACGCTGAGCT 1

RESULT 291
BD087061 23 bp DNA linear PAT 27-AUG-2002
LOCUS Erythrovirus and application thereof.
DEFINITION BD087061
ACCESSION BD087061.1 GI:22632671
VERSION JP 2001525163-A/25.
KEYWORDS Erythrovirus
SOURCE Erythrovirus
ORGANISM Viruses; ssDNA viruses; Parvoviridae; Parvovirinae.
REFERENCE 1 (bases 1 to 23)
AUTHORS Nguyen, Q.T., Garbarg, C.A. and Auguete, V.
TITLE Erythrovirus and application thereof.
PATENT: JP 2001525163-A 25 11-DEC-2001;
JOURNAL ASSISTANCE PUBLIQUE HOPITAUX DE PARIS
COMMENT OS Erythrovirus
PN JP 2001525163-A/25
PD 11-DEC-2001
PF 03-DEC-1998 JP 2000523317
PR 03-DEC-1997 FR 97/15197
PI QUANG TRI NGUYEN, CHENON ANTOINE GARBARG, VERONIQUE AUGUSTE PC
C12N15/09, A61K39/12, A61K48/00, C07K14/015, C07K16/08, C12Q1/68, PC
G01N33/53,
PC C12N15/00
CC Erythrovirus and application thereof
FH Key Location/Qualifiers
FT source 1..23
/organism="Erythrovirus".
location/Qualifiers
1..23
/organism="Erythrovirus"
/mol_type="genomic DNA"
/db_xref="taxon:40121"

Query Match 0.3%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5400 TACAAAAAGAAAAATGAAA 5420
|||||
2 TAAAAAATATAAAAAATGAAA 22

RESULT 292
A35651/c 16 bp DNA linear PAT 02-DEC-1996
LOCUS Synthetic human IFN-alpha 2 gene oligo.
DEFINITION A35651
ACCESSION A35651
VERSION A35651.1 GI:1927033
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 16)
AUTHORS Camble, R. and Edge, M.D.
TITLE Analogous interferon polypeptides, process for their preparation
and pharmaceutical compositions containing them
JOURNAL Patent: EP 0194006-A 96 10-SEP-1986;
IMPERIAL CHEMICAL INDUSTRIES PLC
location/Qualifiers
1..16
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGC 2656
|||||
16 CTGCAGCTGCTGCTGC 1

RESULT 293
A35684/c 16 bp DNA linear PAT 02-DEC-1996
LOCUS Synthetic human IFN-alpha 2 gene oligo.
DEFINITION A35684
ACCESSION A35684
VERSION A35684.1 GI:1927066
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 16)
AUTHORS Camble, R. and Edge, M.D.
TITLE Analogous interferon polypeptides, process for their preparation
and pharmaceutical compositions containing them
JOURNAL Patent: EP 0194006-A 129 10-SEP-1986;
IMPERIAL CHEMICAL INDUSTRIES PLC
location/Qualifiers
1..16
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGC 2656
|||||
16 CTGCAGCTGCTGCTGC 1

RESULT 294
BD257667/c 17 bp DNA linear PAT 17-JUL-2003
LOCUS Regulation of repressor genes using nucleic acid molecules.
DEFINITION BD257667
ACCESSION BD257667.1 GI:33067437
VERSION JP 2002541795-A/5460.
KEYWORDS unclassified
SOURCE unclassified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Blatt, L., Zwick, M., Pavco, P. and Mowbrigen, J.
TITLE Regulation of repressor genes using nucleic acid molecules
JOURNAL Patent: JP 2002541795-A 5460 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
COMMENT OS Eukaryote
PN JP 2002541795-A/5460
PD 10-DEC-2002
PE 11-APR-2000 JP 2000611654
PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN PC
C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC
C12P21/02,
PC
C12P21/02, C12P21/02//A61K31/711, (C12N5/10, C12R1:91), (C12P21/02, PC
C12R1:91),
PC (C12P21/02, C12R1:91), (C12P21/02, C12R1:91), C12N15/00, C12N5/00,
PC A61K37/02,
PC (C12N5/00, C12R1:91)
CC Regulation of repressor genes using nucleic acid molecules FH
Key Location/Qualifiers
FT source 1..17

FEATURES FT /organism='Eukaryote'.
source 1.17
/mol_type='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'

Query Match 0.3%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5411 AAAAATGAAATTAAG 5426
DB 17 AAAAATGAAATTAAG 2

RESULT 295
BD257669/C 17 bp DNA linear PAT 17-JUL-2003
DEFINITION Regulation of repressor genes using nucleic acid molecules.
ACCESSION BD257669
VERSION BD257669.1 GI:33067439
KEYWORDS JP 2002541795-A/5462.
SOURCE unidentified
ORGANISM unidentified
unclassified.
1 (bases 1 to 17)
REFERENCE Blart,L., Zwick,M., Pavco,P. and Mcswiggen,J.
AUTHORS Regulation of repressor genes using nucleic acid molecules
TITLE Patent: JP 2002541795-A 5462 10-DEC-2002;
JOURNAL RIBOZYME PHARMACEUTICALS INC
COMMENT OS Eukaryote
PN JP 2002541795-A/5462
PD 10-DEC-2002
PR 11-APR-2000 JP 200611654
PR 12-APR-1999 US 60/129390
P1 LAWRENCE BLATT,MICHAEL ZWICK,PAMELA PAVCO,JAMES MCSWIGGEN PC
C12N15/09,A61K38/00,A61K48/00,A61P43/00,A61P43/00,C12N5/10, PC
C12P21/02,
PC
C12P21/02,C12P21/02//A61K31/711,(C12N5/10,C12R1:91),(C12P21/02, PC
C12R1:91),
PC (C12P21/02,C12R1:91),(C12P21/02,C12R1:91),C12N5/00,C12N5/00,
PC A61K37/02,
PC (C12N5/00,C12R1:91)
CC Regulation of repressor genes using nucleic acid molecules FH
Key Location/Qualifiers
FT source 1.17
/organism='Eukaryote'.
Location/Qualifiers
1.17
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'

Query Match 0.3%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5410 AAAAATGAAATTAAG 5425
DB 16 AAAAATGAAATTAAG 1

RESULT 296
AX599476/C 18 bp DNA linear PAT 14-FEB-2003
LOCUS AX599476
DEFINITION Sequence 816 from Patent WO02077272.
ACCESSION AX599476
VERSION AX599476.1 GI:28399620
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct

REFERENCE 1
AUTHORS Berlin,K., Braun,A., Dietler,J., Guetig,D., Howe,A., Mueller,J.,
Olek,A., Plepenbrock,C., Adorjan,P., Grabs,G., Lesche,R., Ley,E.,
Lewin,A., Lipbacher,B., Maier,S., Model,F., Mueller,V., Otto,T.,
Pelei,C. and Ziebarth,H.
TITLE Methods and nucleic acids for the analysis of hematopoietic cell
JOURNAL proliferative disorders
Patent: WO 02077272-A 816 03-OCT-2002;
EpiGenomics AG (DE)
FEATURES Location/Qualifiers
source 1.18
/organism='synthetic construct'
/mol_type='unassigned DNA'
/db_xref='taxon:32630'
/note='Detection oligonucleotide for PMS2'

Query Match 0.3%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3602 CTAATCTCAACTCCT 3617
DB 17 CTAATCTCAACTCCT 2

RESULT 297
AX094905/C 21 bp DNA linear PAT 30-MAR-2001
LOCUS AX094905
DEFINITION Sequence 83 from Patent WO0118250.
ACCESSION AX094905
VERSION AX094905.1 GI:13511108
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.Q. and
AUTHORS McCarthy,J.J.
TITLE Single nucleotide polymorphisms in genes
JOURNAL Patent: WO 0118250-A 83 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium
Pharmaceuticals, Inc. (US)
FEATURES Location/Qualifiers
source 1.21
/organism='Homo sapiens'
/mol_type='unassigned DNA'
/db_xref='taxon:9606'

Query Match 0.3%; Score 16; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 563 AGTTCCTGAAGAGG 580
DB 19 AGTTCCTGAAGAGG 2

RESULT 298
AX153965 21 bp DNA linear PAT 22-JUN-2001
LOCUS AX153965
DEFINITION Sequence 63 from Patent WO0138576.
ACCESSION AX153965
VERSION AX153965.1 GI:14535579
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE Gargill,M., Ireland,J.S. and Lander,E.S.
AUTHORS Human single nucleotide polymorphisms

JOURNAL Patent: WO 0138576-A 63 31-MAY-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US)

FEATURES Location/Qualifiers

source

1..21
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 16; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1583 GCCAGCTGTATGGGACC 1600

Db 1 GCCAGCCGTATGGGAGACC 18

RESULT 299

AR074778

LOCUS AR074778 19 bp DNA linear PAT 28-AUG-2000

DEFINITION Sequence 75 from patent US 5955276.

ACCESSION AR074778

VERSION AR074778.1 GI:10001531

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1183 GAAAGAGAGAGAGAAAT 1201

Db 1 GAGAGAGAGAGAGAGATAT 19

RESULT 300

E05744/c

LOCUS E05744 19 bp DNA linear PAT 29-SEP-1997

DEFINITION PCR primer to detect ADV.

ACCESSION E05744

VERSION E05744.1 GI:2173931

KEYWORDS JP 1993276998-A/5.

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

OS

Artificial gene

NC

Artificial sequence; Genes.

FN

JP 1993276998-A/5

PD

26-OCT-1993

PF

01-APR-1992 JP 1992079881

PI

URUNO KATSUYOSHI, NUNOFUJI SATOSHI, TSUNA MIKA, MISE SHIZUO,

PI SHIBATA ISAO

PC

Cl2Q1/68,C07H21/04,C12N15/11,C12Q1/70,(C12Q1/70,C12R1:92); CC

strandedness: Single;

topology: Linear;

Location/Qualifiers

1..19

/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3251 GCTGCCAGGACCTGGCCTC 3269

Db 19 GCAGCCAGGACATGGCCTC 1

RESULT 301

AR088462

LOCUS AR088462 20 bp DNA linear PAT 07-SEP-2000

DEFINITION Sequence 48 from patent US 5989885.

ACCESSION AR088462

VERSION AR088462.1 GI:10015226

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2566 GGGAGAGAGAGATGGAGA 2584

Db 2 GGGAGGAGAGAGAGAGAGA 20

RESULT 302

AR095585

LOCUS AR095585 20 bp DNA linear PAT 08-SEP-2000

DEFINITION Sequence 44 from patent US 6004790.

ACCESSION AR095585

VERSION AR095585.1 GI:10023584

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

OS

Unknown.

NC

Unknown.

FN

1 (bases 1 to 20)

PD

Dijkhuizen,L., Dijkstra,B.W., Andersen,C. and Osten,Cvonder.

PI

Cyclomaltodextrin glucanotransferase variants

PC

Patent: US 6004790-A 44 21-DEC-1999;

Location/Qualifiers

1..20

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1819 CCACAGCCGCGGATGCAC 1837

Db 2 CCACAGCCGCGGAGAGCAC 20

RESULT 303

AR117573

LOCUS AR117573 20 bp DNA linear PAT 16-MAY-2001

DEFINITION Sequence 65 from patent US 6140124.
ACCESSION AR117573
VERSION AR117573.1 GI:14098479
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Montia,B.P., Gaarde,W.A., Nero,P.S. and McKay,R.
TITLE Antisense modulation of p38 mitogen activated protein kinase expression
JOURNAL Patent: US 6140124-A 65 31-OCT-2000;
FEATURES
source
1.20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2639 CCTGCAGCTGCTGTGCA 2657
Db 1 CCTGCAGCTGCTGTGCA 19

RESULT 304
AR117754 20 bp DNA linear PAT 16-MAY-2001
LOCUS
DEFINITION Sequence 62 from patent US 6140126.
ACCESSION AR117754
VERSION AR117754.1 GI:14098660
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Bennett,C.Frank. and Cowser,L.M.
TITLE Antisense modulation of Y-box binding protein 1 expression
JOURNAL Patent: US 6140126-A 62 31-OCT-2000;
FEATURES
source
1.20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 976 TCTGCTCACTCCTCTACC 994
Db 2 TCTGCTCACTGCTCTACC 20

RESULT 305
BD176424 20 bp DNA linear PAT 18-MAR-2003
LOCUS
DEFINITION A method of arraying genome clone.
ACCESSION BD176424
VERSION BD176424.1 GI:29122132
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
AUTHORS Soeda,E.
TITLE A method of arraying genome clone
JOURNAL Patent: WO 02072815-A 224 19-SEP-2002;
COMMENT
OS Artificial Sequence
PN WO 02072815-A/224
PD 19-SEP-2002
PF 17-MAY-2001 WO 2001JP004139

PR 12-MAR-2001 JP 01P 68285
PI EIICHI SOEDA
PC C12N15/09,C12Q1/68
CC Description of Artificial Sequence: Synthetic DNA FH Key
LOCATION/Qualifiers
FT source 1.20
/organism='Artificial Sequence'.
FEATURES
source
1.20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2389 CACCTCTGTTCCAGAGT 2407
Db 1 CACCTTGTGTCCAGAGT 19

RESULT 306
BD224927/c 20 bp DNA linear PAT 17-JUL-2003
LOCUS
DEFINITION Antisense modulation of expression of tumor necrosis factor receptor-associated factor (TRAF).
ACCESSION BD224927
VERSION BD224927.1 GI:33034697
KEYWORDS JP 2002526095-A/62.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
AUTHORS Baker,B.F., Cowser,L.M., Montia,B.P. and Xu,X.S.
TITLE Antisense modulation of expression of tumor necrosis factor receptor-associated factor (TRAF)
JOURNAL Patent: JP 2002526095-A 62 20-AUG-2002;
COMMENT
OS PHARMACEUTICALS INC
IS Artificial Sequence
PN JP 2002526095-A/62
PD 20-AUG-2002
PF 05-OCT-1999 JP 2000574546
PR 06-OCT-1998 US 09/167109
PI BRENDA F BAKER, LEX M COWSERT, BRETT P MONTIA, XIAOXING S XU PC
C12N15/09,A61K31/7105,A61K48/00,A61P29/00,A61P35/04,C12N15/00 CC
antisense sequence
FH Key
LOCATION/Qualifiers
FT source 1.20
/organism='Artificial Sequence'.
FEATURES
source
1.20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1811 GGAGCCAGGCACAGCCGCG 1829
Db 19 GCAGCCAGGCACAGCCGCG 1

RESULT 307
BD244919 20 bp DNA linear PAT 17-JUL-2003
LOCUS
DEFINITION Modulation of gene expression by combination therapy.
ACCESSION BD244919
VERSION BD244919.1 GI:33054689
KEYWORDS JP 2002528391-A/47.
SOURCE synthetic construct

ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Besterman,J.M., Macleod,A.R. and Siders,W.M.
TITLE Modulation of gene expression by combination therapy
JOURNAL Patent: JP 2002528391-A 47 03-SEP-2002;
METHYLENE INC
COMMENT OS Artificial Sequence
PN JP 2002528391-A/47
PD 03-SEP-2002 JP 2000576885
PF 19-OCT-1999 JP 2000576885
PR 19-OCT-1998 US 60/104804
PI JEFFREY M BESTERMAN,ALAN ROBERT MACLEOD,WILLIAM M SIDERS PC
A61K48/00,A61K31/165,A61K31/19,A61K31/513,A61K31/517,A61K31/ PC
706,
PC A61K31/7068,A61K31/7088,A61K31/7125,A61K45/00,A61P35/00,C12N15/ PC
09//
PC C12N5/10,C12N15/00,C12N5/00
CC Antisense
FH Key Location/Qualifiers
FT source 1..20
FT Location/Qualifiers
1..20 /organism='Artificial Sequence'.
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred.No.4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2642 TGCAGCTGCTGCTGCAGCC 2660
DB 1 TGCTGCTGCTGCTGCC 19

RESULT 308
LOCUS BD250309 20 bp DNA linear PAT 17-JUL-2003
DEFINITION Antisense modulation of p38 mitogen activated protein kinase
expression.
ACCESSION BD250309
KEYWORDS BD250309.1 GI:33060079
SOURCE JP 2002540781-A/61.
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Montia,B.P., Gaarde,W.A., Nero,P.S., McKay,R. and Popoff,I.
TITLE Antisense modulation of p38 mitogen activated protein kinase
JOURNAL Patent: JP 2002540781-A 61 03-DEC-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Artificial Sequence
PN JP 2002540781-A/61
PD 03-DEC-2002 JP 2000609429
PF 04-APR-2000 JP 2000609429
PR 06-APR-1999 US 09/286904
PI BRETT P MONIA,WILLIAM A GAARDE,PAMELA S NERO,ROBERT MCKAY,IAN
PI POPOFF
PC C12N15/09,A61K31/711,A61P19/02,A61P29/00,A61P29/00,A61P37/06,
PC A61P43/00,
PC C12N5/10,C12N9/99,C12N15/00,C12N5/00
CC Antisense modulation of p38 mitogen activated protein kinase
expression
FH Key Location/Qualifiers
FT source 1..20
FT Location/Qualifiers
1..20 /organism='Artificial Sequence'.
/mol_type='genomic DNA'

FEATURES
source Location/Qualifiers
1..20 /organism='synthetic construct'
/mol_type='genomic DNA'

/db_xref='taxon:32630'

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred.No.4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2639 CCTGACGCTGCTGCTGCA 2657
DB 1 CCTGACGCTGCTGCGCA 19

RESULT 309
LOCUS CQ764305/c 20 bp DNA linear PAT 03-MAR-2004
DEFINITION Sequence 2923 from Patent WO2004003201.
ACCESSION CQ764305
KEYWORDS CQ764305.1 GI:44907541
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Kane,C.D.
TITLE Antisense modulation of lrh1 expression
JOURNAL Patent: WO 2004003201-A 2923 08-JAN-2004;
Pharmacia Corporation (US)
COMMENT OS Artificial Sequence
PN WO 2004003201-A/2923
PD 08-JAN-2004
PF 08-JAN-2004
PR 08-JAN-2004
PI C.D. KANE
PC CQ764305.1 GI:44907541
CC Antisense modulation of lrh1 expression
expression
FH Key Location/Qualifiers
FT source 1..20
FT Location/Qualifiers
1..20 /organism='synthetic construct'
/mol_type='unassigned DNA'
/db_xref='taxon:32630'
/note='Human LRH1 antisense'

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred.No.4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1607 AGCAGTCTTCTACTTCAG 1625
DB 20 AGATGCTTCTTAATTCAG 2

RESULT 310
LOCUS CQ764770/c 20 bp DNA linear PAT 03-MAR-2004
DEFINITION Sequence 3388 from Patent WO2004003201.
ACCESSION CQ764770
KEYWORDS CQ764770.1 GI:44908006
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Kane,C.D.
TITLE Antisense modulation of lrh1 expression
JOURNAL Patent: WO 2004003201-A 3388 08-JAN-2004;
Pharmacia Corporation (US)
COMMENT OS Artificial Sequence
PN WO 2004003201-A/3388
PD 08-JAN-2004
PF 08-JAN-2004
PR 08-JAN-2004
PI C.D. KANE
PC CQ764770.1 GI:44908006
CC Antisense modulation of lrh1 expression
expression
FH Key Location/Qualifiers
FT source 1..20
FT Location/Qualifiers
1..20 /organism='synthetic construct'
/mol_type='unassigned DNA'
/db_xref='taxon:32630'
/note='Human LRH1 antisense'

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred.No.4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1607 AGCAGTCTTCTACTTCAG 1625
DB 19 AGATGCTTCTTAATTCAG 1

RESULT 311	20 bp	DNA	linear	PAT 27-APR-1998
LOCUS	E12423			
DEFINITION	PCR primer for gaining rat fat gene (ob)		cDNA.	
ACCESSION	E12423			
VERSION	E12423.1	GI:3251256		
KEYWORDS	JP 199633394-A/9.			
SOURCE	unidentified			
ORGANISM	unidentified			
REFERENCE	unclassified.			
AUTHORS	1 (bases 1 to 20)			
TITLE	Nakao,I., Ogawa,Y. and Fujisawa,Y.			
JOURNAL	RAT OBESITY GENE, ITS GENE PRODUCT AND ITS PRODUCTION			
	Patent: JP 199633394-A 9 17-DEC-1996;			
	TAKEDA CHEM IND LTD			
COMMENT	OS None			
	OC Artificial sequences.			
	PN JP 199633394-A/9			
	PD 17-DEC-1996			
	PF 02-APR-1996 JP 1996079916			
	PR 03-APR-1995 JP 95P 77966			
	PI NAKAO ICHIKAZU, OGAWA YOSHIMIRO, FUJISAWA YUKIO PC			
	COJK4/47.C07H21/04.(C12N1/21,C12N15/09,C12P21/02//A61K39/395, PC			
	(C12N1/21, (C12P21/02,C12R1:19), (C12P21/02,C12R1:91); CC			
	PC C12R1:19), (C12P21/02,C12R1:19), (C12P21/02,C12R1:91); CC			
	strandedness: Single;			
	CC topology: Linear;			
	CC hypothetical: No;			
	CC anti-sense: Yes;			
	FM Key	Location/Qualifiers		
	FT source	1..20		
		/organism="Artificial sequences".		
FEATURES				
source		Location/Qualifiers		
	1..20			
	/organism="unidentified"			
	/mol_type="genomic DNA"			
	/db_xref="taxon:32644"			
Query Match	0.3%;	Score 15.8;	DB 1;	Length 20;
Best Local Similarity	89.5%;	Pred. No. 4.3e+02;		
Matches	17;	Conservative 0;	Mismatches 2;	Indels 0;
Gy	22	TGAAGAAACCTGGAGGCCA	40	
Db	1	TGAGGATACCTGGAGGCCA	19	
RESULT 312				
LOCUS	AR211149	20 bp	DNA	linear
DEFINITION	Sequence 62 from patent US 6399297.			
ACCESSION	AR211149			
VERSION	AR211149.1	GI:21514395		
KEYWORDS	.			
SOURCE	Unknown.			
ORGANISM	Unclassified.			
REFERENCE	1 (bases 1 to 20)			
AUTHORS	Baker,B.F., Cowseart,L.M., Monia,B.P. and Xu,X.S.			
TITLE	Antisense modulation of expression of tumor necrosis factor			
JOURNAL	receptor-associated factors (TRAFs)			
FEATURES	Patent: US 6399297-A 62 04-JUN-2002;			
	Location/Qualifiers			
	1..20			
	/organism="unknown"			
	/mol_type="unassigned DNA"			
Query Match	0.3%;	Score 15.8;	DB 1;	Length 20;
Best Local Similarity	89.5%;	Pred. No. 4.3e+02;		
Matches	17;	Conservative 0;	Mismatches 2;	Indels 0;
Gy	1811	GGAGCGACCCACAGCCGCGC	1829	

[illegible]

TITLE Inhibition of histone deacetylase
JOURNAL Patent: WO 0071703-A 6 30-NOV-2000;
Methylgene, Inc. (CA)

FEATURES
source
1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic oligonucleotide"

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2642 TGCAGCTGCTGCTGAGCC 2660
|||||
1 TGCTGCTGCTGCTGCTGCC 19

RESULT 316

LOCUS AX053091 20 bp DNA linear PAT 12-JAN-2001
DEFINITION Sequence 15 from Patent WO0071703.
ACCESSION AX053091
VERSION AX053091.1 GI:12227148
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE

AUTHORS MacLeod, A.R., Li, Z. and Besterman, J.M.
TITLE Inhibition of histone deacetylase
JOURNAL Patent: WO 0071703-A 15 30-NOV-2000;
Methylgene, Inc. (CA)

FEATURES
source
1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of Combined DNA/RNA molecule: Positions 1-4 and 17-20 are 2'-methoxyribose substituted nucleotides; positions 5-16 are deoxyribonucleotides"

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2642 TGCAGCTGCTGCTGAGCC 2660
|||||
1 TGCTGCTGCTGCTGCTGCC 19

RESULT 317

LOCUS AX293583 20 bp DNA linear PAT 21-NOV-2001
DEFINITION Sequence 5345 from Patent WO0179548.
ACCESSION AX293583
VERSION AX293583.1 GI:17055266
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE
AUTHORS Barany, F., Zivvi, M., Gerry, N.P., Favis, R. and Kliman, R.
TITLE Method of designing addressable array for detection of nucleic acid
JOURNAL sequence differences using ligase detection reaction
Patent: WO 0179548-A 5345 25-OCT-2001;
CORNELL RESEARCH FOUNDATION, INC. (US)

FEATURES
source
1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4692 GTTCCTGAGACCGAAGTGC 4710
|||||
2 GTTCCTGAGACCGAAGTGC 20

RESULT 318

LOCUS AX294955 20 bp DNA linear PAT 21-NOV-2001
DEFINITION Sequence 6717 from Patent WO0179548.
ACCESSION AX294955
VERSION AX294955.1 GI:17056638
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE

AUTHORS Barany, F., Zivvi, M., Gerry, N.P., Favis, R. and Kliman, R.
TITLE Method of designing addressable array for detection of nucleic acid
JOURNAL sequence differences using ligase detection reaction
Patent: WO 0179548-A 6717 25-OCT-2001;
CORNELL RESEARCH FOUNDATION, INC. (US)

FEATURES
source
1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3256 CAGGACCTGCGCTGCTGTC 3274
|||||
1 CAGGACCTGCGCTGCTGTC 19

RESULT 319

LOCUS AX495922 20 bp DNA linear PAT 26-SEP-2002
DEFINITION Sequence 1687 from Patent WO02059256.
ACCESSION AX495922
VERSION AX495922.1 GI:23341532
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE
AUTHORS Homo sapiens
TITLE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 Tuijinder, M., Teleman, A., Amson, R. and Sustul, L.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines

JOURNAL Patent: WO 02059256-A 1687 01-AUG-2002;
MOLECULAR ENGINEERING LAB (FR)
Location/Qualifiers

1.20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5396 AAAATACAAAAGAAA 5415
|||||

Db 1 AAACAAAGAAAAAGAAANA 20

RESULT 320

AX546302 20 bp DNA linear PAT 26-NOV-2002

LOCUS AX546302

DEFINITION Sequence 51 from Patent EP1243290.

ACCESSION AX546302

VERSION AX546302.1 GI:25811493

KEYWORDS

SOURCE

ORGANISM

1

synthetic construct

synthetic construct

artificial sequences.

REFERENCE

AUTHORS

1

Besterman,J.M., Macleod,A.R. and Siders,W.M.

TITLE

Modulation of gene expression by combination therapy

JOURNAL

Patent: EP 1243290-A 51 25-SEP-2002;

Methy1gene, Inc. (CA)

FEATURES

source

1..20

/organism="synthetic construct"

/mol_type="unassigned DNA"

/db_xref="taxon:32630"

/note="oligonucleotide"

Query Match 0.3%; Score 15.8; DB 1; Length 20;

Best Local Similarity 89.5%; Pred. No. 4.3e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2642 TGCAGCTGCTGCTGCAGCC 2660

Db 1 TGCCTGCTGCTGCTGCTGCC 19

RESULT 321

AX546392 20 bp DNA linear PAT 26-NOV-2002

LOCUS AX546392

DEFINITION Sequence 51 from Patent EP1243289.

ACCESSION AX546392

VERSION AX546392.1 GI:25811583

KEYWORDS

SOURCE

ORGANISM

1

synthetic construct

synthetic construct

artificial sequences.

REFERENCE

AUTHORS

1

Besterman,J.M., Macleod,A.R. and Siders,W.M.

TITLE

Modulation of gene expression by combination therapy

JOURNAL

Patent: EP 1243289-A 51 25-SEP-2002;

Methy1gene, Inc. (CA)

FEATURES

source

1..20

/organism="synthetic construct"

/mol_type="unassigned DNA"

/db_xref="taxon:32630"

/note="oligonucleotide"

Query Match 0.3%; Score 15.8; DB 1; Length 20;

Best Local Similarity 89.5%; Pred. No. 4.3e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2642 TGCAGCTGCTGCTGCAGCC 2660

Db 1 TGCCTGCTGCTGCTGCTGCC 19

RESULT 322

AX594032 20 bp DNA linear PAT 13-FEB-2003

LOCUS AX594032

DEFINITION Sequence 110 from Patent WO0246477.

ACCESSION AX594032

VERSION AX594032.1 GI:28375269

KEYWORDS

SOURCE

ORGANISM

1

Homo sapiens (human)

ORGANISM

Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE

AUTHORS

1

Garcia,P., Hardy,S.F., Williams,L.T. and Escobedo,J.

TITLE

Endogenous retroviruses up-regulated in prostate cancer

JOURNAL

Patent: WO 0246477-A 110 13-JUN-2002;

CHIRON CORPORATION (US)

FEATURES

source

1..20

/organism="Homo sapiens"

/mol_type="unassigned DNA"

/db_xref="taxon:9606"

Query Match 0.3%; Score 15.8; DB 1; Length 20;

Best Local Similarity 89.5%; Pred. No. 4.3e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5393 AAAAAATTCAAAAAGAA 5411

Db 2 AAAAAATTCAAAAAGAA 20

RESULT 323

AX753239 20 bp DNA linear PAT 23-JUN-2003

LOCUS AX753239/C

DEFINITION Sequence 4 from Patent WO03038124.

ACCESSION AX753239

VERSION AX753239.1 GI:32166101

KEYWORDS

SOURCE

ORGANISM

1

synthetic construct

synthetic construct

artificial sequences.

REFERENCE

AUTHORS

1

Molsan,M.P., Mornele,P., Milan,D., Bidanel,J.P. and Ousova,O.

TITLE

Use of Cbg gene as genetic marker of hypercortisolemia and related pathologies

JOURNAL

Patent: WO 03038124-A 4 08-MAY-2003;

INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA) (FR)

FEATURES

source

1..20

/organism="synthetic construct"

/mol_type="unassigned DNA"

/db_xref="taxon:32630"

/note="Amorce directe, issue de l'exon 2 du gene Cbg humain."

Query Match 0.3%; Score 15.8; DB 1; Length 20;

Best Local Similarity 89.5%; Pred. No. 4.3e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 652 CAGCCAGAGAGACGATG 670

Db 20 CAGCCAGAGAGACGATG 2

RESULT 324

AX961677 20 bp DNA linear PAT 14-JAN-2004

LOCUS AX961677/C

DEFINITION Sequence 72 from Patent WO03101375.

ACCESSION AX961677

VERSION AX961677.1 GI:40881135

KEYWORDS

SOURCE

ORGANISM

1

synthetic construct

synthetic construct

artificial sequences.

REFERENCE

AUTHORS

1

Lopez,R.A.

TITLE

Immunostimulatory oligonucleotides and uses thereof

JOURNAL

Patent: WO 03101375-A 72 11-DEC-2003;

IMMUNOTECH S.A. (AR)

FEATURES

source

1..20

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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Immunostimulatory oligonucleotide"

Query Match      0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      5403 AAAAAAGAAAAATGAAA 5421
Db      19 AAAAAAACAAATGAAA 1

RESULT 325
BD090346      20 bp      DNA      linear      PAT 27-AUG-2002
DEFINITION    A method of arraying genome clone.
ACCESSION     BD090346
VERSION       BD090346.1 GI:22635956
KEYWORDS      JP 2001321190-A/2590.
SOURCE        synthetic construct
ORGANISM      artificial sequences.
REFERENCE     1 (bases 1 to 20)
AUTHORS       Soeda, E.
TITLE         A method of arraying genome clone
JOURNAL       Patent: JP 2001321190-A 2590 20-NOV-2001;
              THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
COMMENT       GENOTECHS
              OS Artificial Sequence
              PN JP 2001321190-A/2590
              PD 20-NOV-2001
              BP 12-MAR-2001 JP 2001068285
              FI EITCHI SORODA
              PC C12N15/09,C12N15/00,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC
              C12N15/00,
              CC Description of Artificial Sequence:Synthetic DNA FH Key
              Location/Qualifiers
              FT source 1..20
              location/Qualifiers
              1..20
              /organism="Artificial Sequence".
              /mol_type="synthetic construct"
              /db_xref="taxon:32630"

Query Match      0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2389 CACCTCTGTTTCCAGAGT 2407
Db      1 CACCTTGTGTCAGAGT 19

RESULT 326
AR053160      21 bp      DNA      linear      PAT 29-SEP-1999
LOCUS         AR053160
DEFINITION    Sequence 66 from patent US 5834183.
ACCESSION     AR053160
VERSION       AR053160.1 GI:5978022
KEYWORDS
SOURCE        Unknown.
ORGANISM      Unknown.
REFERENCE     1 (bases 1 to 21)
AUTHORS       Orr,H.T., Rennum,L.P.W., Chung,M.-Y. and Zoghbi,H.Y.
TITLE         Gene sequence for spinocerebellar ataxia type 1 and method for
              diagnosis
JOURNAL       Patent: US 5834183-A 66 10-NOV-1998;
              Location/Qualifiers
              source
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source 1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match      0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2641 CTGCAGCTGCTGCTGCAGC 2659
Db      2 CTGCTGCTGCTGCTGCTGC 20

RESULT 327
AR084539/c    21 bp      DNA      linear      PAT 01-SEP-2000
LOCUS         AR084539/c
DEFINITION    Sequence 28 from patent US 5981185.
ACCESSION     AR084539
VERSION       AR084539.1 GI:10011310
KEYWORDS
SOURCE        Unknown.
ORGANISM      Unknown.
REFERENCE     1 (bases 1 to 21)
AUTHORS       Watson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
TITLE         Oligonucleotide repeat arrays
JOURNAL       Patent: US 5981185-A 28 09-NOV-1999;
              Location/Qualifiers
              source 1..21
              /organism="unknown"
              /mol_type="unassigned DNA"

Query Match      0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2641 CTGCAGCTGCTGCTGCAGC 2659
Db      21 CTGCTGCTGCTGCTGCTGC 3

RESULT 328
AR084551/c    21 bp      DNA      linear      PAT 01-SEP-2000
LOCUS         AR084551/c
DEFINITION    Sequence 40 from patent US 5981185.
ACCESSION     AR084551
VERSION       AR084551.1 GI:10011322
KEYWORDS
SOURCE        Unknown.
ORGANISM      Unknown.
REFERENCE     1 (bases 1 to 21)
AUTHORS       Watson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
TITLE         Oligonucleotide repeat arrays
JOURNAL       Patent: US 5981185-A 40 09-NOV-1999;
              Location/Qualifiers
              source 1..21
              /organism="unknown"
              /mol_type="unassigned DNA"

Query Match      0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2641 CTGCAGCTGCTGCTGCAGC 2659
Db      20 CTGCTGCTGCTGCTGCTGC 2

RESULT 329
AR084571      21 bp      DNA      linear      PAT 01-SEP-2000
LOCUS         AR084571
DEFINITION    Sequence 60 from patent US 5981185.
              Location/Qualifiers
              source
```

ACCESSION AR084571 GI:10011342
VERSION AR084571.1
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Watson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
TITLE Oligonucleotide repeat arrays
JOURNAL Patent: US 5981185-A 60 09-NOV-1999;
FEATURES Location/Qualifiers
source 1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2641 CTGCAGCTGCTGCTGCAGC 2659
Db 1 CTGCTGCTGCTGCTGCTGC 19

RESULT 330
AR084577/c AR084577 21 bp DNA linear PAT 01-SEP-2000
LOCUS Sequence 66 from patent US 5981185.
DEFINITION AR084577
ACCESSION AR084577
VERSION AR084577.1 GI:10011348
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Watson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
TITLE Oligonucleotide repeat arrays
JOURNAL Patent: US 5981185-A 66 09-NOV-1999;
FEATURES Location/Qualifiers
source 1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2641 CTGCAGCTGCTGCTGCAGC 2659
Db 19 CTGCTGCTGCTGCTGCTGC 1

RESULT 331
AR084580 AR084580 21 bp DNA linear PAT 01-SEP-2000
LOCUS Sequence 69 from patent US 5981185.
DEFINITION AR084580
ACCESSION AR084580
VERSION AR084580.1 GI:10011351
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Watson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
TITLE Oligonucleotide repeat arrays
JOURNAL Patent: US 5981185-A 69 09-NOV-1999;
FEATURES Location/Qualifiers
source 1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2641 CTGCAGCTGCTGCTGCAGC 2659
Db 2 CTGCTGCTGCTGCTGCTGC 20

RESULT 332
AR084598 AR084598 21 bp DNA linear PAT 01-SEP-2000
LOCUS Sequence 87 from patent US 5981185.
DEFINITION AR084598
ACCESSION AR084598
VERSION AR084598.1 GI:10011369
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Watson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
TITLE Oligonucleotide repeat arrays
JOURNAL Patent: US 5981185-A 87 09-NOV-1999;
FEATURES Location/Qualifiers
source 1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2641 CTGCAGCTGCTGCTGCAGC 2659
Db 3 CTGCTGCTGCTGCTGCTGC 21

RESULT 333
BD244490/c BD244490 21 bp DNA linear PAT 17-JUL-2003
LOCUS New triplex forming oligonucleotides and their use in anti-HBV.
DEFINITION BD244490
ACCESSION BD244490
VERSION BD244490.1 GI:33054260
KEYWORDS JP 2002511384-A/8.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 21)
AUTHORS Lu,C.
TITLE New triplex forming oligonucleotides and their use in anti-HBV
JOURNAL Patent: JP 2002511384-A 8 16-APR-2002;
COMMENT SHANGHAI INSTITUTE OF BIOCHEMISTRY CHINESE ACADEMY OF SCIENCES
OS Artificial Sequence
PN JP 2002511384-A/8
PD 16-APR-2002
PF 19-OCT-1998 JP 2000515682
PI 21-OCT-1997 CN 97 1 06667.1
PC A61K31/711,A61K48/00,A61P31/20,C12N15/09,C12N15/00 CC
Description of Artificial Sequence: Triplex forming CC
oligonucleotide
CC This oligo may or may not be 3'-monophosphorylated FH Key
FT source 1..21
Location/Qualifiers
FT source 1..21
Location/Qualifiers
FEATURES 1..21
source /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 92 CTCCTCCACCCACCTCT 110
 DB 19 CTCCTCCCCCTCTCT 1

RESULT 334
 LOCUS CQ786139 21 bp DNA
 DEFINITION Sequence 27 from Patent WO2004018676.
 ACCESSION CQ786139
 VERSION CQ786139.1 GI:45721242
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 ARTIFICIAL sequences.

REFERENCE 1
 AUTHORS Jansen, B., Gleave, M.E., Signaevsky, M., Beraldi, E., Trougakos, I. and Gonsky, E.
 TITLE Rnai probes targeting cancer-related proteins
 JOURNAL Patent: WO 2004018676-A 27 04-MAR-2004;
 The University of British Columbia (CA)
 FEATURES
 source 1..21
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="RNAi for human IGFBP-5"

Query Match 0.3%; Score 15.8; DB 1; Length 21;
 Best Local Similarity 89.5%; Pred. No. 4.4e+02;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1634 AGCTGCCCACTCCAGGT 1652
 DB 3 AGCTGACCCAGTCCAGTT 21

RESULT 335
 LOCUS AR216894 21 bp DNA
 DEFINITION Sequence 45 from patent US 6413719.
 ACCESSION AR216894
 VERSION AR216894.1 GI:23316238
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 UNCLASSIFIED.
 REFERENCE 1 (bases 1 to 21)
 AUTHORS Singh, N.A., Leppert, M.F. and Charlier, C.
 TITLE KCNQ2 and KCNQ3-potassium channel genes which are mutated in benign familial neonatal convulsions (BFNC) and other epilepsies
 JOURNAL Patent: US 6413719-A 45 02-JUL-2002;
 FEATURES
 source 1..21
 /organism="unknown"
 /mol_type="genomic DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 21;
 Best Local Similarity 89.5%; Pred. No. 4.4e+02;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2831 TTGAGGCGAGCGACACAG 2849
 DB 1 TTGACGCGAGCGACACAG 19

RESULT 336
 LOCUS AR454921/c 21 bp DNA
 DEFINITION Sequence 8 from patent US 6682930.
 ACCESSION AR454921
 VERSION AR454921.1 GI:42688957
 KEYWORDS

SOURCE Unknown.
 ORGANISM Unknown.
 UNCLASSIFIED.
 REFERENCE 1 (bases 1 to 21)
 AUTHORS Lu, C.
 TITLE Triplex forming oligonucleotides and their use in anti-HBV
 JOURNAL Patent: US 6682930-A 8 27-JAN-2004;
 FEATURES
 source 1..21
 /organism="unknown"
 /mol_type="genomic DNA"

Query Match 0.3%; Score 15.8; DB 1; Length 21;
 Best Local Similarity 89.5%; Pred. No. 4.4e+02;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 92 CTCCTCCACCCACCTCT 110
 DB 19 CTCCTCCCCCTCTCT 1

RESULT 337
 LOCUS AX096033/c 21 bp DNA
 DEFINITION Sequence 1211 from Patent WO0118250.
 ACCESSION AX096033
 VERSION AX096033.1 GI:13512260
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 REFERENCE 1
 AUTHORS Lander, E.S., Gargill, M., Ireland, J.S., Bolk, S., Daley, G.Q. and McCarthy, J.J.
 TITLE Single nucleotide polymorphisms in genes
 JOURNAL Patent: WO 0118250-A 1211 15-MAR-2001;
 WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium Pharmaceuticals, Inc. (US)
 FEATURES
 source 1..21
 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 0.3%; Score 15.8; DB 1; Length 21;
 Best Local Similarity 89.5%; Pred. No. 4.4e+02;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3987 GGCTGAGCCTGAGAGCTGTG 4005
 DB 19 GGCTGAGCAGAGAGCTGTG 1

RESULT 338
 LOCUS AX096543/c 21 bp DNA
 DEFINITION Sequence 1721 from Patent WO0118250.
 ACCESSION AX096543
 VERSION AX096543.1 GI:13512797
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 REFERENCE 1
 AUTHORS Lander, E.S., Gargill, M., Ireland, J.S., Bolk, S., Daley, G.Q. and McCarthy, J.J.
 TITLE Single nucleotide polymorphisms in genes
 JOURNAL Patent: WO 0118250-A 1721 15-MAR-2001;
 WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium Pharmaceuticals, Inc. (US)
 FEATURES
 source Location/Qualifiers

source 1..21
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.4e+02;
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2099 CCTGCACTGCTGCTGATGCAGC 2119
|||||
Db 21 CCTGCACTGCTGCTGATGTTGTC 1

RESULT 339
AX104588 21 bp DNA linear PAT 30-APR-2001
LOCUS Sequence 780 from Patent WO0122972.
DEFINITION AX104588
ACCESSION AX104588
VERSION AX104588.1 GI:13920785
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Krieg, A.M., Schetter, C. and Voljmer, J.C.
TITLE Immunostimulatory nucleic acids
JOURNAL Patent: WO 0122972-A 780 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
GmbH (DE)
FEATURES Location/Qualifiers
source 1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGCAGC 2659
|||||
Db 1 CTGCTGCTGCTGCTGCTGC 19

RESULT 340
AX355212 21 bp DNA linear PAT 06-FEB-2002
LOCUS Sequence 240 from Patent WO0197843.
DEFINITION AX355212
ACCESSION AX355212
VERSION AX355212.1 GI:18619879
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Weiner, G. and Hartmann, G.
TITLE Methods for enhancing antibody-induced cell lysis and treating
JOURNAL cancer
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
FEATURES Location/Qualifiers
source 1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic oligonucleotide-phosphorothioate
backbone"

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGCAGC 2659
|||||
Db 1 CTGCTGCTGCTGCTGCTGC 19

RESULT 341
AX547641 21 bp DNA linear PAT 01-MAR-2003
LOCUS Sequence 780 from Patent WO2053141.
DEFINITION AX547641
ACCESSION AX547641
VERSION AX547641.1 GI:25812785
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Bratzler, R.L.
TITLE Inhibition of angiogenesis by nucleic acids
JOURNAL Patent: WO 02053141-A 780 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
FEATURES Location/Qualifiers
source 1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic sequence"

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGCAGC 2659
|||||
Db 1 CTGCTGCTGCTGCTGCTGC 19

RESULT 342
BD086363 21 bp DNA linear PAT 27-AUG-2002
LOCUS KCNQ2 and KCNQ3-potassium channel genes mutated in benign familial
DEFINITION neonatal convulsion (BFNC) and other convulsions.
ACCESSION BD086363
VERSION BD086363.1 GI:22631973
KEYWORDS JP 2001521041-A/41.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Buktayota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE Mammalia; Euteria; Primates; Carnivora; Homiidae; Homo.
JOURNAL 1 (baes 1 to 21)
UNIVERSITY OF UTAH RESEARCH FOUNDATION
COMMENT OS Homo sapiens (human)
PN JP 2001521041-A/41
PD 06-NOV-2001
PF 23-OCT-1998 JP 2000517983
PR 24-OCT-1997 US 60/063147
PI NANDA A SINGH, MARK F LEBPERT, CAROLE CHARLIER
PC C07K16/18, A01K67/027, A61K48/00, A61P25/08, A61P43/00, C07K14/47,
PC C12N15/09, C12P21/08, C12Q1/02, C12Q1/68// (C12P21/08, C12R1:91),
PC C12N15/00,
PC C12N15/00
CC KCNQ2 and KCNQ3-potassium channel genes mutated in benign CC
familial
CC neonatal convulsion (BFNC) and other convulsions FH Key
FEATURES Location/Qualifiers
FT source 1..21
/organism="Homo sapiens (human)".
source 1..21

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Query Match
Best Local Similarity 89.5%; Score 15.8; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

QY 2831 TTGAGGCGCAGGCACGACAG 2849
DB 1 TTGACGCGCAGGCACGACAG 19

RESULT 343
LOCUS BD171392 21 bp DNA linear PAT 18-FEB-2003
DEFINITION Method for detecting bronchial asthma risk factor.
ACCESSION BD171392
VERSION BD171392.1 GI:28412682
KEYWORDS JP 2002218997-A/27.
SOURCE synthetic construct
ORGANISM artificial construct
REFERENCE 1 (bases 1 to 21)
AUTHORS Nakamura,Y. and Tamari,M.
TITLE Method for detecting bronchial asthma risk factor
JOURNAL Patent: JP 2002218997-A 27 06-AUG-2002;
OS OTSUKA PHARMACEUTICAL CO LTD
COMMENT OS Artificial Sequence
PN JP 2002218997-A/27
PD 06-AUG-2002
PP 25-JAN-2001 JP 2001017076
PI YUSUKE NAKAMURA,MAYUMI TAMARI
PC C12Q1/68,C12N15/09,C12N15/00
CC Primer sequence (3214r) for PCR
FH Key Location/Qualifiers
FT source 1..21
FEATURES
source Location/Qualifiers
1..21
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match
Best Local Similarity 89.5%; Score 15.8; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3625 AGCAAGATCTTCCCAATTG 3643
DB 19 AGCAGGCTCTCTCAATTG 1

RESULT 344
LOCUS BD173626 21 bp DNA linear PAT 18-FEB-2003
DEFINITION Method of detecting bronchial asthma onset risk factor.
ACCESSION BD173626
VERSION BD173626.1 GI:28414957
KEYWORDS WO 02059305-A/27.
SOURCE synthetic construct
ORGANISM artificial construct
REFERENCE 1 (bases 1 to 21)
AUTHORS Nakamura,Y. and Tamari,M.
TITLE Method of detecting bronchial asthma onset risk factor
JOURNAL Patent: WO 02059305-A 27 01-AUG-2002;
OS OTSUKA PHARMACEUTICAL CO LTD,YUSUKE NAKAMURA,MAYUMI TAMARI
COMMENT OS Artificial Sequence
PN WO 02059305-A/27
PD 01-AUG-2002
PP 25-JAN-2002 WO 2002JP000540
PR 25-JAN-2001 JP 01P 017076
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PI YUSUKE NAKAMURA,MAYUMI TAMARI
PC C12N15/12,C12Q1/68,G01N33/53
CC Primer sequence (3214r) for PCR
FH Key Location/Qualifiers
FT source 1..21
FEATURES
source Location/Qualifiers
1..21
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match
Best Local Similarity 89.5%; Score 15.8; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3625 AGCAAGATCTTCCCAATTG 3643
DB 19 AGCAAGCTCTCTCAATTG 1

RESULT 345
LOCUS BD225845 22 bp DNA linear PAT 17-JUL-2003
DEFINITION Promoter region of mouse and human telomerase RNA component genes.
ACCESSION BD225845
VERSION BD225845.1 GI:33035615
KEYWORDS JP 2002509699-A/48.
SOURCE synthetic construct
ORGANISM artificial construct
REFERENCE 1 (bases 1 to 22)
AUTHORS Keich,W.N.
TITLE Promoter region of mouse and human telomerase RNA component genes
JOURNAL Patent: JP 2002509699-A 48 02-APR-2002;
OS CANCER RESEARCH CAMPAIGN TECHNOLOGY LTD
COMMENT OS Artificial Sequence
PN JP 2002509699-A/48
PD 02-APR-2002
PP 29-JAN-1999 JP 2000529424
PR 29-JAN-1998 GB 9801902.9
PI WILLIAM NICOL KEITH
PC C12N15/09,A61K31/7105,A61K31/711,A61K35/76,A61K38/00,A61K45/00,PC
A61K48/00
PC A61P35/00,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12P21/02 PC
,C12Q1/68//C12N9/12,
PC (A61K35/76,A61K31:522),C12N15/00,A61K37/02,C12N5/00 CC
Description of Artificial Sequence:Oligonucleotide FH Key
Location/Qualifiers
FT source 1..22
FEATURES
source Location/Qualifiers
1..22
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match
Best Local Similarity 89.5%; Score 15.8; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2179 CATTACCTTGCCCGAGGCTC 2197
DB 19 CATTACCTTACCCAGGCC 1

RESULT 346
LOCUS CQ796631 22 bp DNA linear PAT 19-APR-2004
DEFINITION Sequence 3 from Patent WO2004027062.
ACCESSION CQ796631
VERSION CQ796631.1 GI:46408312
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KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Cattaruzza,M. and Hecker,M.
TITLE Functional correction of the sp -786 /sp c/t variance of the human enos gene
JOURNAL Patent: WO 2004027062-A 3 01-APR-2004;
Avontec GmbH (DE)
FEATURES
source 1..22
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Decoy-Oligonucleotide"

Query Match 0.3%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred.No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4109 AGCCAGCCAGGCTGAGCT 4127
Db 19 AGCCAGCCAGGAGAGCT 1

RESULT 347
LOCUS CQ796632 22 bp DNA linear PAT 19-APR-2004
DEFINITION Sequence 4 from Patent WO2004027062.
ACCESSION CQ796632
VERSION CQ796632.1 GI:46408313
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Cattaruzza,M. and Hecker,M.
TITLE Functional correction of the sp -786 /sp c/t variance of the human enos gene
JOURNAL Patent: WO 2004027062-A 4 01-APR-2004;
Avontec GmbH (DE)
FEATURES
source 1..22
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Decoy-Oligonucleotide"

Query Match 0.3%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred.No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4109 AGCCAGCCAGGCTGAGCT 4127
Db 4 AGCCAGCCAGGAGAGCT 22

RESULT 348
LOCUS AX019594/c 22 bp DNA linear PAT 07-SEP-2000
DEFINITION Sequence 48 from Patent WO938964.
ACCESSION AX019594
VERSION AX019594.1 GI:10043508
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Keith,W.N.
TITLE Promoter regions of the mouse and human telomerase rna component genes
JOURNAL Patent: WO 938964-A 48 05-AUG-1999;

FEATURES
source KEITH WILLIAM NICOL (GB); CANCER RES CAMPAIGN TECH (GB)
1..22
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide"

Query Match 0.3%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred.No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2179 CATTACCTTACCCAGGCTC 2197
Db 19 CATTACCTTACCCAGGCC 1

RESULT 349
LOCUS AX119631/c 22 bp DNA linear PAT 11-MAY-2001
DEFINITION Sequence 24 from Patent WO0129213.
ACCESSION AX119631
VERSION AX119631.1 GI:14036529
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Todd,J.A., Twells,R.C., Hess,J.W., Hey,P., Hey,P., Caeky,C.T., Hammond,H. and Metzker,M.L.
TITLE Human sit4 associated proteins like (sap1) proteins and encoding genes; uses thereof
JOURNAL Patent: WO 0129213-A 24 26-APR-2001;
The Wellcome Trust Limited as Trustee to the Wellcome Trust (GB); Merck & Co., Inc. (US)
FEATURES
source 1..22
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.3%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred.No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2359 CACCCCATCCCTGAGCT 2377
Db 22 CACCATCTCTCTGAGCT 4

RESULT 350
LOCUS AX457060/c 22 bp DNA linear PAT 06-JUL-2002
DEFINITION Sequence 21 from Patent WO0231186.
ACCESSION AX457060
VERSION AX457060.1 GI:21715842
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Berlin,K.
TITLE Method for the detection of cytosine methylations
JOURNAL Patent: WO 0231186-A 21 18-APR-2002;
Epigenomics AG (DE)
FEATURES
source 1..22
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match	0.3%	Score 15.8	DB 1	Length 22
Best Local Similarity	89.5%	Pred. No. 4.6e+02		
Matches 17	Conservative 0	Mismatches 2	Indels 0	Gaps 0
Qy	5390	ATTAAAAAATATACAAAAA	5408	
Db	20	AAAAAAAAAATAAAAAAA	2	
RESULT 351				
LOCUS	BD090082	22 bp	DNA	linear PAT 27-AUG-2002
DEFINITION	A method of arraying genome clone.			
ACCESSION	BD090082			
VERSION	BD090082.1	GI:22635692		
KEYWORDS	JP 2001321190-A/2326.			
SOURCE	synthetic construct			
ORGANISM	artificial construct			
REFERENCE	1 (bases 1 to 22)			
AUTHORS	Soeda, E.			
TITLE	A method of arraying genome clone			
JOURNAL	Patent: JP 2001321190-A 2326 20-NOV-2001; THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA GENOTECs			
COMMENT	OS Artificial Sequence PN JP 2001321190-A/2326 PD 20-NOV-2001 PF 12-MAR-2001 JP 2001068285 PI EILICHI SOEDA PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC C12N15/00, PC C12N15/00 CC Description of Artificial Sequence: Synthetic DNA FH Key Location/Qualifiers FT source 1..22 FT location/Qualifiers 1..22 /organism='Artificial Sequence'. 1..22 /organism='synthetic construct' /mol_type='genomic DNA' /db_xref='taxon:32630'			
FEATURES				
source				
Query Match	0.3%	Score 15.8	DB 1	Length 22
Best Local Similarity	89.5%	Pred. No. 4.6e+02		
Matches 17	Conservative 0	Mismatches 2	Indels 0	Gaps 0
Qy	343	CTACCACTCCCTCTATC	361	
Db	1	CAACCACTCCCACTCTATC	19	
RESULT 352				
LOCUS	BD143963	22 bp	DNA	linear PAT 17-JAN-2003
DEFINITION	Human bladder cancer antigen.			
ACCESSION	BD143963			
VERSION	BD143963.1	GI:27849721		
KEYWORDS	JP 2002112779-A/11.			
SOURCE	synthetic construct			
ORGANISM	synthetic construct			
REFERENCE	1 (bases 1 to 22)			
AUTHORS	Kawakami, H., Fujita, T. and Ito, K.			
TITLE	Human bladder cancer antigen			
JOURNAL	Patent: JP 2002112779-A 11 16-APR-2002; KEIO UNIVERSITY			
COMMENT	OS Artificial Sequence PN JP 2002112779-A/11 PD 16-APR-2002 PF 03-OCT-2000 JP 2000304143 PI HIROSHI KAWAKAMI, TOMOCHU FUJITA, KEIICHI ITO PC C12N15/09, A01K67/027, A61K38/00, A61K39/00, A61K45/00, A61P35/00,			

[illegible]

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RESULT 354
LOCUS A80998 22 bp DNA linear PAT 21-JAN-2000
DEFINITION Sequence 50 from Patent EP0918091.
ACCESSION A80998
VERSION A80998.1 GI:6731571
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
TITLE 1 (bases 1 to 22)
JOURNAL A gene called XLI5 and the XLI5 gene product, called doublecortin
and their applications
PATENT: EP 0918091-A 50 26-MAY-1999;
FEATURES
source Location/Qualifiers
1..22
/mol_type="Homo sapiens"
/db_xref="taxon:9606"

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4770 GGAGAAAGGCGAGCAAAAGGGA 4791
Db 22 GGAGAAAGGCAAAAGAGGGA 1

RESULT 355
LOCUS A95377 22 bp DNA linear PAT 26-JAN-2000
DEFINITION Sequence 50 from Patent WO9927089.
ACCESSION A95377
VERSION A95377.1 GI:6779421
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
TITLE 1 (bases 1 to 22)
JOURNAL A GENE CALLED XLI5 AND THE XLI5 GENE PRODUCT, CALLED DOUBLECORTIN
AND THEIR PREPARATIONS
PATENT: WO 9927089-A 50 03-JUN-1999;
FEATURES
source Location/Qualifiers
1..22
/mol_type="Homo sapiens"
/db_xref="taxon:9606"

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4770 GGAGAAAGGCGAGCAAAAGGGA 4791
Db 22 GGAGAAAGGCAAAAGAGGGA 1

RESULT 356
LOCUS AR072362 22 bp DNA linear PAT 28-AUG-2000
DEFINITION Sequence 165 from patent US 5948611.
ACCESSION AR072362
VERSION AR072362.1 GI:9999126
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

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REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 22)
TITLE Prockop,D.J., Ala-Kokko,L., Williams,C.J., Rytvanemi,P.,
Baldwin,C., Hopkinson,I. and Ahmad,N.Nina.
Primers and methods for detecting mutations in the procollagen II
gene (COL2A1) that indicate a genetic predisposition for a
COL2A1-associated disease
PATENT: US 5948611-A 165 07-SEP-1999;
FEATURES
source Location/Qualifiers
1..22
/mol_type="unknown"
/db_xref="taxon:9606"

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2755 GTGGAACAGACATGAGCTCT 2776
Db 1 GAAGAAATGACATGCTGCTGT 22

RESULT 357
LOCUS AR150675 22 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 79 from patent US 6228984.
ACCESSION AR150675
VERSION AR150675.1 GI:15115266
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 22)
TITLE Hinuma,S., Habata,Y., Kawamata,Y., Hosoya,M., Fujii,R., Fukusumi,S.
and Kitada,C.
Polyptides their production and use
PATENT: US 6228984-A 79 08-MAY-2001;
FEATURES
source Location/Qualifiers
1..22
/mol_type="unknown"
/db_xref="taxon:9606"

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3260 ACCTGACCTCTGTGCTTAGTGC 3281
Db 1 ACCTGACCTCTGTGCTTAGTGC 22

RESULT 358
LOCUS BD184666 22 bp DNA linear PAT 17-JUN-2003
DEFINITION Method and detector for identifying subtypes of human papilloma
viruses.
ACCESSION BD184666
VERSION BD184666.1 GI:31876866
KEYWORDS JP 2002360271-A/645.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 22)
AUTHORS Ling,C., Lin,R., Yoo,Z., Huang,X., Lee,B., Lee,S., Lin,Y.,
Huang,C., Liu,H., Shi,C., Yeh,C., Gao,Y. and Pan,C.
Method and detector for identifying subtypes of human papilloma
PATENT: JP 2002360271-A 645 17-DEC-2002;
TITLE Artificial Sequence
JOURNAL KING CAR FOOD INDUSTRIAL CO LTD
OS Artificial Sequence
PN JP 2002360271-A/645
PD 17-DEC-2002
PF 28-NOV-2001 JP 2001362595
PR 04-MAY-2001 TW 90110785

```

PI CHING-YEE LING, RUEY-WEN LIN, ZHOU-MENG YOO, XIN-HSUAN HUANG, BOW-HAENG LEE.
 PI SHENG-HSUNG LEE, YI-JU LIN, CI-CHONG HUANG, HAN-CHANG HSU, CHA-MEN SHI,
 PI CHIH-XIN YEH, YI-PENG CAO, CHIH-LONG PAN
 PC C12N15/09, C12N15/09, C12M1/34, C12Q1/42, C12Q1/68 PC
 C12Q1/70, G01N21/54,
 PC G01N33/53, G01N33/574, G01N33/58, G01N37/00// (C12M1/34, C12R1:93),
 PC (C12Q1/70, C12R1:93), C12N15/00, C12N15/00
 CC Oligonucleotide MM809 for identifying HCV MM8. FH Key
 Location/Qualifiers
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 source 1..22 Location/Qualifiers
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 Best Local Similarity 81.8%; Pred. No. 4.9e+02;
 Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
 QY 5076 GGTGGCCAGCAGCCAGCCT 5097
 1 GGGGGCGCGCGCGCCAGCCT 22
 RESULT 359
 BD211103/22 bp DNA linear PAT 17-JUL-2003
 LOCUS Quantitative assay of gene expression.
 DEFINITION BD211103
 ACCESSION BD211103.1 GI:33020873
 VERSION JP 2002512046-A/48.
 KEYWORDS Mus musculus (house mouse)
 SOURCE Mus musculus
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 22)
 Lowe, D.G.
 Quantitative assay of gene expression
 Patent: JP 2002512046-A 48 23-APR-2002;
 JOURNAL GENE TECH INC
 COMMENT OS Mus musculus (mouse)
 PN JP 2002512046-A/48
 PD 23-APR-2002
 PF 23-APR-1999 JP 2000544838
 PR 23-APR-1998 US 09/065673
 PI DAVID G LOWE
 PC C12Q1/68, C12N15/09, C12N15/00
 CC Quantitative assay of gene expression.
 FH Key Location/Qualifiers
 FT source 1..22 Location/Qualifiers
 /organism="Mus musculus (mouse)".
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 source 1..22 Location/Qualifiers
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /db_xref="taxon:10090"
 Query Match 0.3%; Score 15.6; DB 1; Length 22;
 Best Local Similarity 81.8%; Pred. No. 4.9e+02;
 Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
 QY 4733 TGAAGAGACCATCTCCTCACT 4754
 22 TGAAGAGACCATCTCCTCACT 1
 RESULT 360
 E16224 22 bp DNA linear PAT 28-JUL-1999
 LOCUS

DEFINITION Primer.
 ACCESSION E16224
 VERSION E16224.1 GI:5710907
 KEYWORDS JP 1998146192-A/48.
 SOURCE unidentified
 ORGANISM unidentified
 REFERENCE 1 (bases 1 to 22)
 AUTHORS Hinuma, K., Habatake, Y., Kawamata, Y., Hosoya, M., Fujii, A.,
 Fukuzumi, M. and Kitada, C.
 NEW PHYSIOLOGICALLY ACTIVE SUBSTANCE, ITS PRODUCTION AND USE
 Patent: JP 1998146192-A 48 02-JUN-1998;
 JOURNAL TAKEEDA CHEM IND LTD
 COMMENT OS None
 OC Artificial sequences.
 PN JP 1998146192-A/48
 PD 02-JUN-1998
 PF 26-DEC-1996 JP 1996348328
 PR 28-DEC-1995 JP 95P 343371, 15-MAR-1996 JP 96P 59419, PR
 12-AUG-1996 JP 96P 211805, 18-SEP-1996 JP 96P 246573 PI
 HINUMA KUNIO, HABATAKE YUUGO, KAWAMATA YUJI, HOSOYA MASAKI, PI
 FUJII AKIRA,
 PI FUKUZUMI MASASHI, KITADA CHIKO
 PC C12N15/09, A61K31/70, A61K31/70, A61K31/70, A61K31/70,
 PC A61K31/70,
 PC A61K35/76, A61K48/00, C07H21/00, C07K14/47, C12N5/10, PC
 C12P21/02,
 PC C12Q1/02, G01N33/566, (C12N5/10, C12R1:91), (C12P21/02, C12R1:91);
 CC strandedness: Single;
 CC topology: Linear;
 CC hypothetical: No;
 FH Key Location/Qualifiers
 FT source 1..22 Location/Qualifiers
 /organism='Artificial sequences'.
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 /organism="unidentified"
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 /db_xref="taxon:32644"
 Query Match 0.3%; Score 15.6; DB 1; Length 22;
 Best Local Similarity 81.8%; Pred. No. 4.9e+02;
 Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
 QY 3260 ACCTGGCTCTGTGCTTACTGC 3281
 1 ACCTGGCTCTGTGCTTACTGC 22
 RESULT 361
 E27236 22 bp DNA linear PAT 18-JUN-2001
 LOCUS Novel physiologically active substance, process for producing the
 DEFINITION E27236 same and utilization thereof.
 ACCESSION E27236
 VERSION E27236.1 GI:13025253
 KEYWORDS JP 1999009286-A/27.
 SOURCE unidentified
 ORGANISM unidentified
 REFERENCE 1 (bases 1 to 22)
 AUTHORS Shuji, H. and Shoji, F.
 Novel physiologically active substance, process for producing the
 same and utilization thereof
 Patent: JP 1999009286-A 27 19-JAN-1999;
 JOURNAL TAKEEDA CHEM IND LTD
 COMMENT OS Unidentified
 PN JP 1999009286-A/27
 PD 19-JAN-1999
 PF 27-APR-1998 JP 1998117189
 PR SHUJI HINUMA, SHOJI FUKUZUMI

PC C12N15/09,A01K67/027,A61K38/00,A61K38/00,C07K14/47,C07K16/18,
PC C12N1/21,
PC C12N5/10,C12P21/02,G01N33/53,G01N33/577//C12P21/08,(C12N15/09,
PC C12R1.91),
PC (C12N1/21,C12R1.19),(C12N5/10,C12R1.91),(C12P21/02,C12R1.19),
PC C12N15/00,
PC A61K37/02,A61K37/02,C12N5/00,(C12N15/00,C12R1.91),(C12N5/00,
PC C12R1.91)
CC Strandedness: Single;
CC Topology: Linear;
FH Key
FT source
1. .22
/organism='Unidentified'.
Location/Qualifiers
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3260 ACCTGGCTTCTGTGCTTGTAGTGC 3281
DB 1 ACCTGGCTTCTGTGCTTGTGCTGC 22

RESULT 362
LOCUS E28308 22 bp DNA linear PAT 18-JUN-2001
DEFINITION Utilization of peptide.
ACCESSION E28308
VERSION E28308.1 GI:13025342
KEYWORDS JP 1999071300-A/48.
SOURCE unidentified
ORGANISM unidentified
unclassified.
1 (bases 1 to 22)
REFERENCE Shuji,H., Ryo,F., Yuji,K. and Hirokazu,M.
AUTHORS Utilization of peptide
TITLE Patent: JP 1999071300-A 48 16-MAR-1999;
JOURNAL TAKEDA CHEM IND LTD
COMMENT OS Unidentified
PN JP 1999071300-A/48
PD 16-MAR-1999
PF 22-JUN-1998 JP 1998175007
PR
PI SHUJI HINUMA, RYO FUJII, YUJI KAMAMATA, HIROKAZU MATSUMOTO PC
A61K38/00,A61K38/00,A61K38/00,A61K38/00,A61K38/00,A61K38/00,
A61K38/00,
PC A61K38/00,A61K38/00,C07K7/08,C07K14/705//C12N15/09,C12P21/02,
PC (C12P21/02,C12R1.91),A61K37/02,A61K37/02,A61K37/02,A61K37/02,
PC A61K37/02,A61K37/02,A61K37/02,A61K37/02,C12N15/00 CC
Strandedness: Single;
CC Topology: Linear;
FH Key
FT source
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/mol_type="genomic DNA"
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Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3260 ACCTGGCTTCTGTGCTTGTAGTGC 3281
DB 1 ACCTGGCTTCTGTGCTTGTGCTGC 22

RESULT 363
LOCUS 126473 22 bp DNA linear PAT 07-OCT-1996
DEFINITION Sequence 165 from patent US 5558988.
ACCESSION 126473
VERSION 126473.1 GI:1606343
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
unclassified.
1 (bases 1 to 22)
REFERENCE Prockop,D.J., Ala-Kokko,L. and Rltvaniemi,P.
AUTHORS primers and methods for detecting mutations in the procollagen II
TITLE gene that indicate a genetic predisposition for osteoarthritis
JOURNAL Patent: US 5558988-A 165 24-SEP-1996;
FEATURES
source
1. .22
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2755 GTAGAAACAGACATGAGCTCT 2776
DB 1 GAAGAAATGACATGCTGCTGT 22

RESULT 364
LOCUS 146450 22 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 429 from patent US 5639612.
ACCESSION 146450
VERSION 146450.1 GI:2470415
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
unclassified.
1 (bases 1 to 22)
REFERENCE Mitsuhashi,M. and Cooper,A.
AUTHORS Method for detecting polynucleotides with immobilized
TITLE polynucleotide probes identified based on T.sub.m
JOURNAL Patent: US 5639612-A 429 17-JUN-1997;
FEATURES
source
1. .22
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1308 CCTGTGTCACATGAGCCCTGG 1329
DB 1 CCTGTGTCACATGAGCCCTGG 22

RESULT 365
LOCUS AR216883 22 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 34 from patent US 6413719.
ACCESSION AR216883
VERSION AR216883.1 GI:23316227
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
unclassified.
1 (bases 1 to 22)
REFERENCE Singh,N.A., Lepert,M.F. and Charlier,C.
AUTHORS KMNQ2 and KMNQ3-potassium channel genes which are mutated in benign

JOURNAL Familial neonatal convulsions (BFNC) and other epilepsies
 Patent: US 6413719-A 34 02-JUL-2002;
 FEATURES Location/Qualifiers
 source 1..22
 /organism="unknown"
 /mol_type="genomic DNA"

Query Match 0.3%; Score 15.6; DB 1; Length 22;
 Best Local Similarity 81.8%; Pred. No. 4.9e+02;
 Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3989 CTGAGCCTGAGCTGTGAAGC 4010
 Db 22 CTGCCATGAGCTGTGCAAGC 1

RESULT 366
 LOCUS AX077117 22 bp DNA linear PAT 22-FEB-2001
 DEFINITION Sequence 13 from Patent WO0107478.
 ACCESSION AX077117
 VERSION AX077117.1 GI:13121733
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM artificial sequences.
 REFERENCE 1
 AUTHORS Shen, S. and Hartmar, A.J.
 TITLE A pl artificial chromosome (pac) vector for the expression of
 pituitary adenyl cyclase activating peptide receptor (pacap
 receptor) and transgenic animals comprising said vector
 JOURNAL Patent: WO 0107478-A 13 01-FEB-2001;
 MEDICAL RESEARCH COUNCIL (GB)
 FEATURES Location/Qualifiers
 source 1..22
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="synthetic oligonucleotide"

Query Match 0.3%; Score 15.6; DB 1; Length 22;
 Best Local Similarity 81.8%; Pred. No. 4.9e+02;
 Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4749 TCACCTCATTATGAACTCTGG 4770
 Db 1 TCACCTGCTGTGTGAACCTCTGG 22

RESULT 367
 LOCUS AX103869 22 bp DNA linear PAT 30-APR-2001
 DEFINITION Sequence 61 from Patent WO0122972.
 ACCESSION AX103869
 VERSION AX103869.1 GI:13920066
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM artificial sequences.
 REFERENCE 1
 AUTHORS Kriegl, A.M., Schetter, C. and Vollmer, J.C.
 TITLE Immunostimulatory nucleic acids
 JOURNAL Patent: WO 0122972-A 61 05-APR-2001;
 UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
 GmbH (DE)
 FEATURES Location/Qualifiers
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 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"

Query Match 0.3%; Score 15.6; DB 1; Length 22;
 Best Local Similarity 81.8%; Pred. No. 4.9e+02;

Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
 Qy 5404 AAAAGAAAAAATGAATAATA 5425
 Db 22 AAAACAAAAAACAACAAAAA 1

RESULT 368
 LOCUS AX163844 22 bp DNA linear PAT 22-JUN-2001
 DEFINITION Sequence 13 from Patent WO0140804.
 ACCESSION AX163844
 VERSION AX163844.1 GI:14544913
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM artificial sequences.

REFERENCE 1
 AUTHORS Hol, E.M. and van Leeuwen, P.W.
 TITLE Clearance of aberrant protein in correlation with disease
 JOURNAL Patent: WO 0140804-A 13 07-JUN-2001; Koninklijke Nederlandse Akademie van Wetenschappen (NL)
 FEATURES Location/Qualifiers
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 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="wildtype 5' primer AAP"

Query Match 0.3%; Score 15.6; DB 1; Length 22;
 Best Local Similarity 81.8%; Pred. No. 4.9e+02;
 Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4062 CCTGTTCCAAATGCCCACTTT 4083
 Db 1 CCTGTTCCAAAGATTCACACTT 22

RESULT 369
 LOCUS AX462792 22 bp DNA linear PAT 15-JUL-2002
 DEFINITION Sequence 536 from Patent EP1217079.
 ACCESSION AX462792
 VERSION AX462792.1 GI:21886018
 KEYWORDS
 SOURCE Aegilops tauschii
 ORGANISM Aegilops tauschii
 REFERENCE 1
 AUTHORS Bernard, M., Sourdil, P. and Guyomarch, H.
 TITLE Microsatellite markers from Triticum tauschii
 JOURNAL Patent: EP 1217079-A 536 26-JUN-2002;
 INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA) (FR)
 FEATURES Location/Qualifiers
 source 1..22
 /organism="Aegilops tauschii"
 /mol_type="unassigned DNA"
 /db_xref="taxon:37682"

Query Match 0.3%; Score 15.6; DB 1; Length 22;
 Best Local Similarity 81.8%; Pred. No. 4.9e+02;
 Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
 Qy 2115 GCAGCAGATGAAGCGAAGAA 2136
 Db 22 GCAGCTAATGAAGGAAGAA 1

RESULT 370
 LOCUS AX546922 22 bp DNA linear PAT 01-MAR-2003

DEFINITION Sequence 61 from Patent WO02053141.
ACCESSION AX546922
VERSION AX546922.1 GI:25812066
KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.
REFERENCE
1
AUTHORS Bratzler,R.L.
TITLE Inhibition of angiogenesis by nucleic acids
JOURNAL Patent: WO 02053141-A 61 11-JUN-2002;
Coley Pharmaceutical Group, Inc. (US)
FEATURES
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1. .22
/organism="synthetic construct"
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/note="Synthetic Sequence"
Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred.No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 5404 AAAAAAATAATGAAATATAA 5425
DB 22 AAAAAAATAATGAAATATAA 1
RESULT 371
LOCUS AX742813 22 bp DNA linear PAT 12-MAY-2003
DEFINITION Sequence 616 from Patent EP1302550.
ACCESSION AX742813
VERSION AX742813.1 GI:30576802
KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.
REFERENCE
1
AUTHORS Lin,C.Y., Lin,R.W., You,C.M., Huang,H.H., Lee,B.H., Lee,H.H.,
Lin,Y.J., Pan,C.C., Hsu,H.C., Shih,C.W., Yeh,C.H., Kao,Y.F.,
Pan,C.L., and Chan,P.
TITLE Method and detector for identifying subtypes of human papilloma
viruses
JOURNAL Patent: EP 1302550-A 616 16-APR-2003;
King Car Food Industrial Co., Ltd. (TW)
FEATURES
source
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide for identifying HPV KM8"
Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred.No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 5076 GGTGGCAGCAGCCAGCCT 5097
DB 1 GGGGGCGCCGCCCGCCAGCCT 22
RESULT 372
LOCUS BD086352/c 22 bp DNA linear PAT 27-AUG-2002
DEFINITION KCNQ2 and KCNQ3-potassium channel genes mutated in benign familial
neonatal convulsion (BFNC) and other convulsions.
ACCESSION BD086352
VERSION BD086352.1 GI:22631962
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

REFERENCE
1 (bases 1 to 22)
AUTHORS Singh,N.A., Leppert,M.P., and Charlier,C.
TITLE KCNQ2 and KCNQ3-potassium channel genes mutated in benign familial
neonatal convulsion (BFNC) and other convulsions
JOURNAL Patent: JP 2001521041-A 30 06-NOV-2001;
UNIVERSITY OF UTAH RESEARCH FOUNDATION
COMMENT
OS Homo sapiens (human)
PN JP 2001521041-A/30
PD 06-NOV-2001
PF 23-OCT-1998 JP 2000517983
PR 24-OCT-1997 US 60/063147
PI NAKADA A SINGH,MARK F LEBPERT,CAROLB CHARLIER
PC C07K16/18,A01K67/027,A61K48/00,A61P25/08,A61P43/00,C07K14/47,
PC C12N5/10,
PC C12N15/09,C12P21/08,C12Q1/02,C12Q1/68// (C12P21/08,C12R1:91),
PC C12N5/00,
PC C12N15/00
CC KCNQ2 and KCNQ3-potassium channel genes mutated in benign CC
familial
CC neonatal convulsion (BFNC) and other convulsions FH Key
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FT /organism="Homo sapiens (human)".
FEATURES
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred.No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 3989 CTGAGCTGTGAGCTGTGAGC 4010
DB 22 CTGCCATGTGAGCTGTGAGC 1
RESULT 373
LOCUS AX767321 23 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 2 from Patent WO03042409.
ACCESSION AX767321
VERSION AX767321.1 GI:32260803
KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.
REFERENCE
1
AUTHORS Magnani,M., Graziano,F. and Ruzzo,A.
TITLE Mutations in the geminal line in the gene promoter of e-cadherine
carcinoma
JOURNAL Patent: WO 03042409-A 2 22-MAY-2003;
Universita' Degli Studi Di Urbino (IT)
FEATURES
source
1. .23
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="PCR primer for identification of SNP on human
E-Cadherine"
Query Match 0.3%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred.No. 5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 2637 GTCCCTGAGCTGTGTGCTGAG 2658
DB 2 GTACTGTGAGCAGCAGCAGCAG 23

[illegible]

FEATURES	source	location/Qualifiers
Query Match	0.3%; Score 15.4; DB 1; Best Local Similarity 94.1%; Pred. No. 4.5e+02; Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;	
QY	1180 AGAGAAAGAGAGAGAGA 1196	
DB	17 AGAGAGAGAGAGAGAGA 1	
RESULT 377		
LOCUS	AR074709	17 bp DNA linear PAT 28-AUG-2000
DEFINITION	Sequence 6 from patent US 5955276.	
ACCESSION	AR074709	
VERSION	AR074709.1 GI:10001462	
KEYWORDS		
SOURCE	Unknown.	
ORGANISM	Unknown.	
REFERENCE	Unclassified.	
AUTHORS	1 (bases 1 to 17)	
TITLE	Morganate,M. and Vogel,J.Marie.	
JOURNAL	Compound microsatellite primers for the detection of genetic polymorphisms	
FEATURES	Patent: US 5955276-A 6 21-SEP-1999;	
SOURCE	location/Qualifiers	
	1.17	
	/organism="unknown"	
	/mol_type="unassigned DNA"	
Query Match	0.3%; Score 15.4; DB 1; Best Local Similarity 94.1%; Pred. No. 4.5e+02; Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;	
QY	1181 GAGAAAGAGAGAGAGAG 1197	
DB	17 GAGAGAGAGAGAGAGAG 1	
RESULT 378		
LOCUS	E12897	17 bp RNA linear PAT 27-APR-1998
DEFINITION	Modified antisense oligonucleotide.	
ACCESSION	E12897	
VERSION	E12897.1 GI:5708629	
KEYWORDS	JP 1997095495-A/1.	
SOURCE	unidentified	
ORGANISM	unclassified.	
REFERENCE	1 (bases 1 to 17)	
AUTHORS	Matsuda,A. and Ono,A.	
TITLE	ANTISENSE OLIGONUCLEOTIDE, NUCLEOSIDE AND INTERMEDIATE FOR PRODUCING THE SAME, ITS SYNTHESIS, OLIGONUCLEOTIDE SYNTHESIZING UNIT AND ITS	
JOURNAL	Patent: JP 1997095495-A 1 08-APR-1997;	
COMMENT	KANSAI SHIN GIUTSU KENKYUSHO:KK, MATSUDA AKIRA	
	OS None	
	OC Artificial sequences.	
	PN JP 1997095495-A/1	
	PD 08-APR-1997	
	PF 29-SEP-1995 JP 1995277168	
	PI MATSUDA AKIRA, ONO AKIRA	
	PC C07H21/04//A61K31/70,A61K31/70,C12N15/09;	
	CC strandedness: Single;	
	CC topology: Linear;	
	FH Key	
	FH Location/Qualifiers	
	FT 1.17	
	FT /organism='Artificial sequences' FT	

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misc_feature 4 /nc= '5-methyl-2'-deoxycytidine' FT
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misc_feature 6 /nc= '5-methyl-2'-deoxycytidine' FT
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misc_feature 7 /nc= '5-methyl-2'-deoxycytidine' FT
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/nc= '5-(N,N-dimethylaminohexyl) carbamoyl-2'-deoxyuridine' FT
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/organism="unidentified"
/mol_type="genomic RNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAGA 1196
Db 17 AGAGAGAGAGAGAGA 1

RESULT 379
AR329529 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 6931 from patent US 6566127.
ACCESSION AR329529
VERSION AR329529.1 GI:33715337
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE
AUTHORS 1 (bases 1 to 17)
Pavco,P., McSwigen,J.A., Stinchcomb,D.T. and Sacobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 6931 20-MAY-2003;
FEATURES
source 1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 199 CCACACCCCATCTCCCG 215
Db 1 CCACACCCCATCTCCCG 17
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RESULT 380
AX272939 17 bp RNA linear PAT 29-OCT-2001
LOCUS AX272939/c
DEFINITION Sequence 508 from Patent WO0162911.
ACCESSION AX272939
VERSION AX272939.1 GI:16545676
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
REFERENCE
AUTHORS 1
Jarvis,T., von Carlwiltz,I., Mcswigen,J.A., Hamblin,P.A. and
Ellis,J.H.
TITLE Method and reagent for the inhibition of grid
JOURNAL Patent: WO 0162911-A 508 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
source 1. .17
/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4429 GAGGCTTGTTGTAACC 4445
Db 17 GAGGCTTGTTGTAACC 1

RESULT 381
AX732163 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX732163
DEFINITION Sequence 3797 from Patent WO03025175.
ACCESSION AX732163
VERSION AX732163.1 GI:30511506
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
REFERENCE
AUTHORS 1
Teleman,A., Amson,R. and Tuijinder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025175-A 3797 27-MAR-2003;
Molecular Engines Laboratories (Fr)
FEATURES
source 1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3936 GATCAACCCAGACACA 3952
Db 1 GATCAACCCAGACACA 17

RESULT 382
AX738728 17 bp DNA linear PAT 08-MAY-2003
LOCUS AX738728
DEFINITION Sequence 4318 from Patent WO03025177.
ACCESSION AX738728
VERSION AX738728.1 GI:30518018
KEYWORDS
```


SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 4318 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 15.4; DB 1; Length 17;
DEFINITION Best Local Similarity 94.1%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3936 GATCAACCCACAGACACA 3952
Db 1 GATCAACCCACAGACACA 17

RESULT 383
AX762380 17 bp DNA linear PAT 25-JUN-2003
LOCUS Sequence 5701 from Patent WO03040369.
DEFINITION AX762380
ACCESSION AX762380
VERSION AX762380.1 GI:32256996
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 5701 15-MAY-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 15.4; DB 1; Length 17;
DEFINITION Best Local Similarity 94.1%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAGAAATC 1202
Db 17 AGAGAGAGAGAGAGATC 1

RESULT 384
AR069211/c 18 bp DNA linear PAT 18-FEB-2000
LOCUS Sequence 51 from patent US 5891623.
DEFINITION AR069211
ACCESSION AR069211
VERSION AR069211.1 GI:7220099
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 18)
TITLE Diagnosis and treatment of AIDS onset
JOURNAL Patent: US 5891623-A 51 06-APR-1999;

FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 18;
DEFINITION Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4298 TTCGAGAGAGACTGGAG 4314
Db 18 TTCGAGAGAGACTGGAG 2

RESULT 385
AR099375 18 bp DNA linear PAT 14-FEB-2001
LOCUS Sequence 29 from patent US 6077709.
DEFINITION AR099375
ACCESSION AR099375
VERSION AR099375.1 GI:12809141
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 18)
TITLE Antisense modulation of Survivin expression
JOURNAL Patent: US 6077709-A 29 20-JUN-2000;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 18;
DEFINITION Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1184 AAAAGAGAGAGAGAGAA 1200
Db 1 AAAAGAGAGAGAGAGAGA 17

RESULT 386
BD273578 18 bp DNA linear PAT 17-JUL-2003
LOCUS Antisense modulation of survivin expression.
DEFINITION BD273578
ACCESSION BD273578
VERSION BD273578.1 GI:33083346
KEYWORDS JP 2002539073-A/29.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE artificial sequences.
AUTHORS 1 (bases 1 to 18)
TITLE Antisense modulation of survivin expression
JOURNAL Patent: JP 2002539073-A 29 19-NOV-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Artificial Sequence
PN JP 2002539073-A/29
PD 19-NOV-2002
PF 23-SEP-1999 JP 2000572239
PR 29-SEP-1998 US 09/163162, 05-APR-1999 US 09/286407 PI
FRANK C BENNETT, ELIZABETH J ACKERMANN, ERIC E SWAYZE, LEX M PI
COWSBERT
PC C07H21/04, A61K31/7088, A61K31/712, A61K48/00, A61P35/00 CC
Antisense Oligonucleotide
FH Key location/Qualifiers
FT source 1..18
/organism="Artificial Sequence".
FEATURES Location/Qualifiers
source 1..18
/organism="synthetic construct"
/mol_type="genomic DNA"

/db_xref="taxon:32630"

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1184 AAAGAGAGAGAGAGAAA 1200
|||||
Db 1 AAAGAGAGAGAGAGAGA 17

RESULT 387
E04839/c E04839 18 bp DNA linear PAT 29-SEP-1997
LOCUS Synthetic DNA for site directed mutagenesis of interleukin 6
DEFINITION receptor.
ACCESSION E04839
VERSION E04839.1 GI:2173035
KEYWORDS JP 1993091892-A/17.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
1 (bases 1 to 18)

REFERENCE Kishimoto,C., Hachiman,H. and Yasukawa,K.
AUTHORS IL-6 RECEPTOR DERIVATIVE
TITLE Patent: JP 1993091892-A 17 16-APR-1993;
JOURNAL KISHIMOTO CHUZO, CHUGAI PHARMACEUT CO LTD, TOSOH CORP
OS Artificial gene
OS Artificial sequence; Genes.
OS Homo sapiens (human)
PN JP 1993091892-A/17
PD 16-APR-1993

PF 02-OCT-1991 JP 1991255521
PI KISHIMOTO CHUZO, HACHIMAN HIDEO, YASUKAWA KIYOSHI PC
C12P21/02.C07K13/00.C12N5/10.C12N15/12.(C12P21/02.C12R1:91); CC
strandedness: Single;
CC topology: Linear;
CC hypothetical: No.
FEATURES
source 1. .18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 621 CTCGAGAGCTCTTCGG 637
|||||
Db 18 CTCGAGAGCTCTTCGG 2

RESULT 388
I64429/c I64429 18 bp DNA linear PAT 07-OCT-1997
LOCUS Sequence 51 from patent US 5665355.
DEFINITION I64429
ACCESSION I64429
VERSION I64429.1 GI:2481323
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 18)
TITLES
JOURNAL Diagnosis and treatment of AIDS onset
Patent: US 5665355-A 51 09-SEP-1997;
LOCATION/Qualifiers
1. .18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 18;

Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4298 TTCGAGAGAACTGGAG 4314
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Db 18 TTCGAGAGAACTGGAG 2

RESULT 389
AR181576 AR181576 18 bp DNA linear PAT 20-APR-2002
LOCUS Sequence 38 from patent US 6335194.
DEFINITION AR181576
ACCESSION AR181576
VERSION AR181576.1 GI:20223790
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE Unclassified.
1 (bases 1 to 18)
AUTHORS Bennett,C.,Frank., Ackermann,E.J., Swayze,E.B. and Cowsett,L.M.
TITLE Antisense modulation of survivin expression
JOURNAL Patent: US 6335194-A 38 01-JAN-2002;
LOCATION/Qualifiers
1. .18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1184 AAAGAGAGAGAGAGAAA 1200
|||||
Db 1 AAAGAGAGAGAGAGAGA 17

RESULT 390
AR181616 AR181616 18 bp DNA linear PAT 20-APR-2002
LOCUS Sequence 78 from patent US 6335194.
DEFINITION AR181616
ACCESSION AR181616
VERSION AR181616.1 GI:20223830
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 18)
AUTHORS Bennett,C.,Frank., Ackermann,E.J., Swayze,E.B. and Cowsett,L.M.
TITLES
JOURNAL Antisense modulation of survivin expression
Patent: US 6335194-A 78 01-JAN-2002;
LOCATION/Qualifiers
1. .18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1184 AAAGAGAGAGAGAGAAA 1200
|||||
Db 1 AAAGAGAGAGAGAGAGA 17

RESULT 391
AR181667 AR181667 18 bp DNA linear PAT 20-APR-2002
LOCUS Sequence 129 from patent US 6335194.
DEFINITION AR181667
ACCESSION AR181667
VERSION AR181667.1 GI:20223881
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 18)
AUTHORS Bennett, C. Frank., Ackermann, E. J., Swayze, E. E. and Cowsett, L. M.
TITLE Antisense modulation of survivin expression
JOURNAL Patent: US 633194-A 129 01-JAN-2002;
FEATURES
source
1. .18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1184 AAAAGAGAGAGAGANA 1200
Db 2 AAAAGAGAGAGAGAGA 18

RESULT 392
AR208065 AR208065 18 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 5 from patent US 6379957.
ACCESSION AR208065
VERSION AR208065.1 GI:21507984
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Johnston-Dow, L. A., Demeter, L., White, C. B., Song, K.,
Kohlenberger, R., Conrad, M. and Myers, A.
TITLE Methods for HIV sequencing and genotyping
JOURNAL Patent: US 6379957-A 5 30-APR-2002;
FEATURES
source
1. .18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1261 AGCCTACAGCCACCA 1277
Db 1 AGCCACAGCCACCA 17

RESULT 393
AR295480 AR295480 18 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 7215 from patent US 6537751.
ACCESSION AR295480
VERSION AR295480.1 GI:31682764
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Cohen, D., Chumakov, I. and Blumenfeld, M.
TITLE Biallelic markers for use in constructing a high density
JOURNAL Patent: US 6537751-A 7215 25-MAR-2003;
FEATURES
source
1. .18
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4871 CTCAGTTCTCTCTCG 4887

Db 1 CTCAGTTCTCTCTCG 17

RESULT 394
AR299766 AR299766 18 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 11501 from patent US 6537751.
ACCESSION AR299766
VERSION AR299766.1 GI:31687050
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Cohen, D., Chumakov, I. and Blumenfeld, M.
TITLE Biallelic markers for use in constructing a high density
JOURNAL Patent: US 6537751-A 11501 25-MAR-2003;
FEATURES
source
1. .18
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2436 GGATGAGAGGGGAGAG 2452
Db 2 GGATGAGAGGGGAGAG 18

RESULT 395
AX297704 AX297704 18 bp DNA linear PAT 21-NOV-2001
DEFINITION Sequence 9466 from Patent WO0179548.
ACCESSION AX297704
VERSION AX297704.1 GI:17059395
KEYWORDS
SOURCE Synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Barany, F., Zilvi, M., Gerry, N. P., Favis, R. and Kliman, R.
TITLE Method of designing addressable array for detection of nucleic acid
JOURNAL sequence differences using ligase detection reaction
PATENT: WO 0179548-A 9466 25-OCT-2001;
CORNELL RESEARCH FOUNDATION, INC. (US)
FEATURES
source
1. .18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4737 GGAGACCCATCCTCAC 4753
Db 17 GGAGGCCATCTCTCAC 1

RESULT 396
AX297719 AX297719 18 bp DNA linear PAT 21-NOV-2001
DEFINITION Sequence 9481 from Patent WO0179548.
ACCESSION AX297719
VERSION AX297719.1 GI:17059410
KEYWORDS
SOURCE synthetic construct

ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Barany, F., Zivvi, M., Gerry, N.P., Favie, R. and Kliman, R.
TITLE Method of designing addressable array for detection of nucleic acid
JOURNAL sequence differences using ligase detection reaction
Patent: WO 0179548-A 9481 25-OCT-2001;
CORNELL RESEARCH FOUNDATION, INC. (US)

FEATURES
source
1. 18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4737 GGAGAGCCCATCCTCACC 4753
Db 17 GGAGGCCCATCCTCACC 1

RESULT 397
AX530373 18 bp DNA linear PAT 21-NOV-2002
LOCUS AX530373/c
DEFINITION Sequence 96 from Patent WO0240668.
ACCESSION AX530373
VERSION AX530373.1 GI:25173261
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Tschopp, J. and Martinon, F.
TITLE Proteins and dna sequences underlying these proteins used for
treating inflammations
JOURNAL Patent: WO 0240668-A 96 23-MAY-2002;
Apotech Research and Development Ltd. (CH)
FEATURES
source
1. 18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer JT1500 (S. 51)"

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4792 CTCCTGCCACTCAGCAG 4808
Db 18 CTCCTGCCACTCAGCTG 2

RESULT 398
BD078665/c
LOCUS BD078665
DEFINITION IL-6 receptor derivative.
ACCESSION BD078665
VERSION BD078665.1 GI:22624268
KEYWORDS
SOURCE JP 2001269186-A/17.
ORGANISM unclassified
unclassified
unclassified

REFERENCE 1 (bases 1 to 18)
AUTHORS Kishimoto, C., Yahata, H. and Yasukawa, K.
TITLE IL-6 receptor derivative
JOURNAL Patent: JP 2001269186-A 17 02-OCT-2001;
CHUGO KISHIMOTO CHUGAI PHARMACEUTICAL CO LTD, TOSOH CORP
COMMENT OS Unidentified
PN JP 2001269186-A/17

PD 02-OCT-2001
PI 22-FEB-2001 JP 2001047237
PI CHUGO KISHIMOTO, HIDEO YAHATA, KIYOSHI YASUKAWA PC
C12N15/09, C07K14/715, C12N1/15, C12N1/19, C12N1/21, C12N5/10, PC
C12P21/02;
PC C12N15/00, C12N5/00
CC Strandedness: Single;
CC Topology: Linear;
CC IL-6 receptor derivative
FH Key location/Qualifiers
FT source 1. 18
/organism="unclassified".

FEATURES
source
1. 18
/organism="unclassified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4066 TTCGAATGCCCACTT 4082
Db 18 TTCGACATGCCCACTT 2

RESULT 399
E12683 19 bp DNA linear PAT 27-APR-1998
LOCUS E12683/c
DEFINITION Anti-HTLV-1 antiserum oligonucleotide.
ACCESSION E12683
VERSION E12683.1 GI:3251515
KEYWORDS JP 1997052898-A/17.
SOURCE unclassified
unclassified
unclassified

REFERENCE 1 (bases 1 to 19)
AUTHORS Mizuguchi, M., Kurosaki, N., Makino, K., Koyanagi, Y. and Yamamoto, N.
TITLE ANTI-HTLV-1 ANTI-SENSE OLIGONUCLEOTIDE
JOURNAL Patent: JP 1997052898-A 17 25-FEB-1997;
SOYAKU GIUTTSU KENKYUSHO:KK

COMMENT OS None
OC Artificial sequences.
PN JP 1997052898-A/17
PD 25-FEB-1997
PI 09-AUG-1995 JP 1995224606
PI MIZUGUCHI MASATSUGU, KUROSAKI MAKINO, MAKINO KEISUKE, PI
KOYANAGI YOSHIO,
PI YAMAMOTO NAOKI
PC C07H21/04//A61K31/70;
CC strandedness: Single;
CC topology: linear;
CC hypothetical: No;
CC anti-sense: Yes;
FH Key location/Qualifiers
FT source 1. 19
/organism="Artificial sequences".

FEATURES
source
1. 19
/organism="unclassified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

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RESULT 400
LOCUS 126166 19 bp DNA linear PAT 07-OCT-1996
DEFINITION Sequence 17 from patent US 5556786.
ACCESSION 126166
VERSION 126166.1 GI:1606036
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Kere,J., Schlessinger,D. and de la Chapelle,A.
TITLE Anhidrotic ectodermal dysplasia gene and method of detecting same
JOURNAL Patent: US 5556786-A 17 17-SEP-1996;
FEATURES
source
/mol_type="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 339 TTTCCTACCACTCCCC 355
Db 2 TTTCCTACCACTCCACC 18

RESULT 401
LOCUS 186409 19 bp DNA linear PAT 10-JUN-1998
DEFINITION Sequence 17 from patent US 5700926.
ACCESSION 186409
VERSION 186409.1 GI:3206127
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Kere,J., Schlessinger,D. de la Chapelle,A. and Srivastava,A.Kumar.
TITLE Molecular cloning of the anhidrotic ectodermal dysplasia gene
JOURNAL Patent: US 5700926-A 17 23-DEC-1997;
FEATURES
source
/mol_type="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 339 TTTCCTACCACTCCCC 355
Db 2 TTTCCTACCACTCCACC 18

RESULT 402
LOCUS AR268328 19 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 9 from patent US 6498147.
ACCESSION AR268328
VERSION AR268328.1 GI:29698678
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Nerenberg,M.I. and Kitaajima,I.
TITLE Suppression of nuclear factor-.kappa.b dependent processes using oligonucleotides
JOURNAL Patent: US 6498147-A 9 24-DEC-2002;
FEATURES
Location/Qualifiers

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source
1. .19
/mol_type="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4066 TTCCAAATGCCCCACTT 4082
Db 18 TTCCAAATGCCCCACTT 2

RESULT 403
LOCUS AR268329 19 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 10 from patent US 6498147.
ACCESSION AR268329
VERSION AR268329.1 GI:29698679
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Nerenberg,M.I. and Kitaajima,I.
TITLE Suppression of nuclear factor-.kappa.b dependent processes using oligonucleotides
JOURNAL Patent: US 6498147-A 10 24-DEC-2002;
FEATURES
source
/mol_type="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4066 TTCCAAATGCCCCACTT 4082
Db 2 TTCCAAATGCCCCACTT 18

RESULT 404
LOCUS AX132670 19 bp DNA linear PAT 15-MAY-2001
DEFINITION Sequence 3888 from Patent WO0130362.
ACCESSION AX132670
VERSION AX132670.1 GI:14138975
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Robbins,J.M. and Tritz,R.
TITLE Ribozyme therapy for the treatment of proliferative skin and eye diseases
JOURNAL Patent: WO 0130362-A 3888 03-MAY-2001;
FEATURES
IMMOSOL, INC. (US)
source
/mol_type="unknown"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="PCNA HH ribozyme binding site"

Query Match 0.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2328 CACCTTCTTGAAGATGG 2344
Db 19 CACCTTCTTGAAGATGG 3

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RESULT 405
AX810947/c 19 bp DNA linear PAT 02-DEC-2003
LOCUS Sequence 74 from Patent EP133100.
DEFINITION AX810947
ACCESSION AX810947
VERSION AX810947.1 GI:38635544
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
1
AUTHORS Park,J.G., Kim,I.J., Kang,H.C. and Park,J.H.
TITLE Ret oligonucleotide microchip and method for detecting hereditary
JOURNAL cancer employing same
PATENT: EP 1333100-A 74 06-AUG-2003;
NATIONAL Cancer Center (KR)
LOCATION/Qualifiers
FEATURES
source 1..19
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Exon-14F"

Query Match 0.3%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1771 TGGGTTCTGCAGAGCC 1787
DB 18 TGGGTTCTGCAGAGCC 2
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|||||

RESULT 406
AR146267/c 20 bp DNA linear PAT 08-AUG-2001
LOCUS Sequence 42 from patent US 6218187.
DEFINITION AR146267
ACCESSION AR146267
VERSION AR146267.1 GI:15109456
KEYWORDS
SOURCE unknown.
ORGANISM unknown.
REFERENCE
1 (bases 1 to 20)
AUTHORS Finer,M.H., Dull,T.J., Zsebo,K.M., Cooke,K. and Farson,D.A.
TITLE Method for production of high titer virus and high efficiency
JOURNAL retroviral mediated transduction of mammalian cells
PATENT: US 6218187-A 42 17-APR-2001;
LOCATION/Qualifiers
FEATURES
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4821 CACGACCCCTTGACCT 4837
DB 19 CACGACCCCATGACCT 3
|||||
|||||

RESULT 407
AR162488/c 20 bp DNA linear PAT 17-OCT-2001
LOCUS Sequence 168 from patent US 6258600.
DEFINITION AR162488
ACCESSION AR162488
VERSION AR162488.1 GI:16229694
KEYWORDS
SOURCE unknown.
ORGANISM unknown.
REFERENCE
1
AUTHORS
TITLE
JOURNAL
PATENT: US 6258600-A 168 10-JUL-2001;
LOCATION/Qualifiers
FEATURES
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3175 CTTTGCCAGAGCTGAG 3191
DB 19 CTTTGCCAGAGCTGAG 3
|||||
|||||

RESULT 408
CQ771690/c 20 bp DNA linear PAT 04-MAR-2004
LOCUS Sequence 117 from Patent WO2003100423.
DEFINITION CQ771690
ACCESSION CQ771690
VERSION CQ771690.1 GI:45125680
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
1
AUTHORS Cuzin,M., Mandrand,B., Cleuziat,P. and Abalbou,H.
TITLE Better organised biochip
JOURNAL Patent: WO 2003100423-A 117 04-DEC-2003;
APBIO (FR)
LOCATION/Qualifiers
FEATURES
source 1..20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4737 GGAGACCCATCCTCACC 4753
DB 20 GGAGACCCATCCTCACC 4
|||||
|||||

RESULT 409
E38857/c 20 bp DNA linear PAT 18-JUN-2001
LOCUS Chimeric animal and method for constructing the same.
DEFINITION E38857
ACCESSION E38857
VERSION E38857.1 GI:13017605
KEYWORDS JP 1999313576-A/7.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
1 (bases 1 to 20)
AUTHORS Kazuma,T., Hitoshi,Y., Kazunori,H., Mitsuo,O. and Isao,I.
TITLE Chimeric animal and method for constructing the same
JOURNAL Patent: JP 1999313576-A 7 16-NOV-1999;
KIRIN BREWERY CO LTD
OS Artificial Sequence
COMMENT
PN JP 1999313576-A/7
PD 16-NOV-1999
PF 23-MAR-1999 JP 1999078572
PR
PI KAZUMA TOMIYUKA,HITOSHI YOSHIDA,KAZUNORI HANAKO, PI MITSUO
OSHIMURA,
PI ISAO ISHIDA
PC A01K67/027,C12N5/10,C12N15/02,C12P21/08,C12N5/00,C12N15/00 CC

REFERENCE
1 (bases 1 to 20)
AUTHORS Zhang,H. and Cowse,L.M.
TITLE Antisense modulation of caspase 8 expression
JOURNAL Patent: US 6258600-A 168 10-JUL-2001;
LOCATION/Qualifiers
FEATURES
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3175 CTTTGCCAGAGCTGAG 3191
DB 19 CTTTGCCAGAGCTGAG 3
|||||
|||||

RESULT 408
CQ771690/c 20 bp DNA linear PAT 04-MAR-2004
LOCUS Sequence 117 from Patent WO2003100423.
DEFINITION CQ771690
ACCESSION CQ771690
VERSION CQ771690.1 GI:45125680
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
1
AUTHORS Cuzin,M., Mandrand,B., Cleuziat,P. and Abalbou,H.
TITLE Better organised biochip
JOURNAL Patent: WO 2003100423-A 117 04-DEC-2003;
APBIO (FR)
LOCATION/Qualifiers
FEATURES
source 1..20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4737 GGAGACCCATCCTCACC 4753
DB 20 GGAGACCCATCCTCACC 4
|||||
|||||

RESULT 409
E38857/c 20 bp DNA linear PAT 18-JUN-2001
LOCUS Chimeric animal and method for constructing the same.
DEFINITION E38857
ACCESSION E38857
VERSION E38857.1 GI:13017605
KEYWORDS JP 1999313576-A/7.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
1 (bases 1 to 20)
AUTHORS Kazuma,T., Hitoshi,Y., Kazunori,H., Mitsuo,O. and Isao,I.
TITLE Chimeric animal and method for constructing the same
JOURNAL Patent: JP 1999313576-A 7 16-NOV-1999;
KIRIN BREWERY CO LTD
OS Artificial Sequence
COMMENT
PN JP 1999313576-A/7
PD 16-NOV-1999
PF 23-MAR-1999 JP 1999078572
PR
PI KAZUMA TOMIYUKA,HITOSHI YOSHIDA,KAZUNORI HANAKO, PI MITSUO
OSHIMURA,
PI ISAO ISHIDA
PC A01K67/027,C12N5/10,C12N15/02,C12P21/08,C12N5/00,C12N15/00 CC

FEATURES
source
FH Key Location/Qualifiers
FT source 1..20 /organism='Artificial Sequence'.
1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 865 GCAGTCTAATGCTCG 881
DB 20 GCAGTCTAATGCTCG 4

RESULT 410
131143
LOCUS 131143 20 bp DNA linear PAT 06-FEB-1997
DEFINITION Sequence 55 from patent US 5582979.
ACCESSION 131143
VERSION 131143.1 GI:1821934
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Weber,J.L.
TITLE Length polymorphisms in (dc-da).sub.n.(dc-dt).sub.n sequences and method of using the same
JOURNAL Patent: US 5582979-A 55 10-DEC-1996;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4764 ACTCTGGAGAGGCA 4780
DB 4 ACTCTGGAGAGGCA 20

RESULT 411
AR274857/c
LOCUS AR274857 20 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 42 from patent US 6506604.
ACCESSION AR274857
VERSION AR274857.1 GI:29707406
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Finer,M.H., Dull,T.J., Zeebo,K.M., Cooke,K. and Farsen,D.A.
TITLE Method for production of high titer virus and high efficiency retroviral mediated transduction of mammalian cells
JOURNAL Patent: US 6506604-A 42 14-JAN-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4821 CACGAGCCCTGACCT 4837

DB 19 CACGAGCCCATGACCT 3
|||||
|||||

RESULT 412
AR312087
LOCUS AR312087 20 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 2624 from patent US 6559294.
ACCESSION AR312087
VERSION AR312087.1 GI:31705513
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Grifflais,R., Hoiseeth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A., Sankaran,B. and Fletcher,L.D.
TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 2624 06-MAY-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 604 CTCGCCAATTAAGCGCA 620
DB 3 CTCGCCAATTAAGCGCA 19
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|||||

RESULT 413
AR392141
LOCUS AR392141 20 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 9 from patent US 6613740.
ACCESSION AR392141
VERSION AR392141.1 GI:40116045
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Gozes,I., Breneman,D.B., Basan,M. and Zamostiano,R.
TITLE Activity dependent neurotrophic factor III (ADNF III)
JOURNAL Patent: US 6613740-A 9 02-SEP-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3305 ACCTGCAAGCAAC 3321
DB 1 ACCTGCAAGCAAC 17
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|||||

RESULT 414
AR409519/c
LOCUS AR409519 20 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 7 from patent US 6632976.
ACCESSION AR409519
VERSION AR409519.1 GI:40160492
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Tomizuka,K., Yoshida,H., Hanaoka,K., Oshimura,M. and Ishida,I.

TITLE Chimeric mice that are produced by microcell mediated chromosome transfer and that retain a human antibody gene
JOURNAL Patent: US 6632976-A 7 14-OCT-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 865 GCAGTCTAATGCCCTG 861
Db 20 GCACGTCTAATGCCCTG 4

RESULT 415

AX053083 20 bp DNA linear PAT 12-JAN-2001
LOCUS Sequence 7 from Patent WO0071703.
DEFINITION AX053083
ACCESSION AX053083
VERSION AX053083.1 GI:12227140
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Macleod,A.R., Li,Z. and Besterman,J.M.
TITLE Inhibition of histone deacetylase
JOURNAL Patent: WO 0071703-A 7 30-NOV-2000;
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic oligonucleotide"

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2640 CCTGAGCTGCTGCTGC 2656
Db 4 CCTGCTGCTGCTGCTGC 20

RESULT 416

AX053092 20 bp DNA linear PAT 12-JAN-2001
LOCUS Sequence 16 from Patent WO0071703.
DEFINITION AX053092
ACCESSION AX053092
VERSION AX053092.1 GI:12227149
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Macleod,A.R., Li,Z. and Besterman,J.M.
TITLE Inhibition of histone deacetylase
JOURNAL Patent: WO 0071703-A 16 30-NOV-2000;
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of Combined DNA/RNA molecule: Positions 1-4 and 17-20 are 2'-methoxyribose substituted nucleotides; positions 5-16 are deoxyribonucleotides"

Best Local Similarity 94.1%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2640 CCTGAGCTGCTGCTGC 2656
Db 4 CCTGCTGCTGCTGCTGC 20

RESULT 417
AX067205/c 20 bp DNA linear PAT 24-JAN-2001
LOCUS Sequence 57 from Patent WO0100669.
DEFINITION AX067205
ACCESSION AX067205
VERSION AX067205.1 GI:12544870
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Barry,C., Bougueleret,L., Chumakov,I. and Cohen-Avenine,A.
TITLE A bap28 gene and protein
JOURNAL Patent: WO 0100669-A 57 04-JAN-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide BAP28polyTcour"

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5399 ATACAAAAAGAAAAA 5415
Db 19 ATACAAAAAGAAAAA 3

RESULT 418

AX081478 20 bp DNA linear PAT 27-FEB-2001
LOCUS Sequence 20 from Patent WO0109311.
DEFINITION AX081478
ACCESSION AX081478
VERSION AX081478.1 GI:13170301
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Gozes,I., Brennenman,D.E., Zamostiano,R., Gelber,E., Pinhasov,A. and Basaran,M.
TITLE Methode of inhibiting cancer cells with adnf iii antisense oligocleotides
JOURNAL Patent: WO 0109311-A 20 08-FEB-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="mouse ADNF III cDNA sense primer"

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3305 ACCTGACGACGAACAAC 3321
Db 1 ACCTGACGACGAACAAC 17

Query Match

0.3%; Score 15.4; DB 1; Length 20;

RESULT 419
AX462762 20 bp DNA linear PAT 15-JUL-2002
DEFINITION Sequence 506 from Patent EP1217079.
ACCESSION AX462762
VERSION AX462762.1 GI:21885988
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 Aegilops tauschii
Aegilops tauschii
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Poideae; Triticeae; Aegilops.
1 Bernard, M., Sourdis, P. and Guyomarch, H.
Microsatellite markers from Triticum tauschii
Patent: EP 1217079-A 506 26-JUN-2002;
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA) (FR)
Location/Qualifiers
1..20
/organism="Aegilops tauschii"
/mol_type="unassigned DNA"
/db_xref="taxon:37682"
FEATURES
source

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3423 GAGCAGGAACTGAGCG 3439
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1 GAGCAGGAACTGAGCG 17

RESULT 420
AX546303 20 bp DNA linear PAT 26-NOV-2002
DEFINITION Sequence 52 from Patent EP1243290.
ACCESSION AX546303
VERSION AX546303.1 GI:25811494
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Besterman, J.M., Macleod, A.R. and Siders, W.M.
TITLE Modulation of gene expression by combination therapy
JOURNAL Patent: EP 1243290-A 52 25-SEP-2002;
MethylGene, Inc. (CA)
Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="oligonucleotide"
FEATURES
source

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2640 CCTGCAGCTGCTGCTGC 2656
|||||
4 CCTGCAGCTGCTGCTGC 20

RESULT 421
AX546393 20 bp DNA linear PAT 26-NOV-2002
DEFINITION Sequence 52 from Patent EP1243289.
ACCESSION AX546393
VERSION AX546393.1 GI:25811584
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Besterman, J.M., Macleod, A.R. and Siders, W.M.
TITLE Modulation of gene expression by combination therapy
JOURNAL Patent: EP 1243289-A 52 25-SEP-2002;
MethylGene, Inc. (CA)
Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="oligonucleotide"
FEATURES
source

REFERENCE
1
AUTHORS Besterman, J.M., Macleod, A.R. and Siders, W.M.
TITLE Modulation of gene expression by combination therapy
JOURNAL Patent: EP 1243289-A 52 25-SEP-2002;
MethylGene, Inc. (CA)
Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="oligonucleotide"
FEATURES
source

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2640 CCTGCAGCTGCTGCTGC 2656
|||||
4 CCTGCAGCTGCTGCTGC 20

RESULT 422
BD082203 20 bp DNA linear PAT 27-AUG-2002
DEFINITION Activity dependent neurotrophic factor III (ADNF III).
ACCESSION BD082203
VERSION BD082203.1 GI:22627813
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 20)
AUTHORS Gozes, I., Brenneman, D.E. and Bassan, M.
TITLE Activity dependent neurotrophic factor III (ADNF III)
JOURNAL Patent: JP 2001522228-A 5 13-NOV-2001;
THE GOVERNMENT OF THE UNITED STATES OF AMERICA REPRESENTED BY THE
SECRETARY OF THE DEPARTMENT OF HEALTH HUMAN SERVICES
PN JP 2001522228-A/5
PD 13-NOV-2001
PF 06-FEB-1998 JP 1998534982
PR 07-FEB-1997 US 60/037404
PI ILLANA GOZES, DOUGLAS E BRENNEMAN, MERRA V BASSAN PC
CI 2N15/18, C07K14/475, C07K16/22, A61K38/22
CC Strandedness: Single;
CC Topology: Linear;
FH Key
Location/Qualifiers
1..20
/organism="Zea mays"
/mol_type="genomic DNA"
/db_xref="taxon:4577"
FEATURES
source

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3305 ACCTGCAGCAAGCAAC 3321
|||||
1 ACCTGCAGCAAGCAAC 17

RESULT 423
AR001399 21 bp DNA linear PAT 04-DEC-1998
DEFINITION Sequence 42 from patent US 5739118.
ACCESSION AR001399
VERSION AR001399.1 GI:3363466
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Unknown.
TITLE Unknown.
JOURNAL Unknown.
Location/Qualifiers
1..20
/organism="Unknown."
/mol_type="Unknown."
/db_xref="taxon:Unknown."
/note="Unknown."
FEATURES
source

REFERENCE 1 (bases 1 to 21)
AUTHORS Carrano,R.A., Wang,B. and Weiner,D.B.
TITLE Compositions and methods for delivery of genetic material
JOURNAL Patent: US 5739118-A 42 14-APR-1998;
FEATURES Location/Qualifiers
source 1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 5.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1261 AGCTTACAGCCCAACCA 1277
Db 18 AGCCAAAGCCCAACCA 2

RESULT 424
AR069988
LOCUS AR069988 21 bp DNA linear PAT 18-FEB-2000
DEFINITION Sequence 21 from patent US 5891703.
ACCESSION AR069988
VERSION AR069988.1 GI:7220876
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Van Der laan,J.M., Riemens,A.W. and Quax,W.J.
TITLE Mutated penicillin G acylase genes
JOURNAL Patent: US 5891703-A 21 06-APR-1999;
FEATURES Location/Qualifiers
source 1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 5.1e+02;
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 3967 GGGCCTGCTGGACATCAAG 3987
Db 1 GGGVCACTGCTGGCCTCAAG 21

RESULT 425
AR078379/c
LOCUS AR078379 21 bp DNA linear PAT 31-AUG-2000
DEFINITION Sequence 42 from patent US 5962428.
ACCESSION AR078379
VERSION AR078379.1 GI:10005125
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Carrano,R.A., Wang,B. and Weiner,D.B.
TITLE Compositions and methods for delivery of genetic material
JOURNAL Patent: US 5962428-A 42 05-OCT-1999;
FEATURES Location/Qualifiers
source 1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 5.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1261 AGCTTACAGCCCAACCA 1277
Db 18 AGCCAAAGCCCAACCA 2

RESULT 426
AR085230/c
LOCUS AR085230 21 bp DNA linear PAT 01-SEP-2000
DEFINITION Sequence 46 from patent US 5981505.
ACCESSION AR085230
VERSION AR085230.1 GI:10012000
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Weiner,D.B., Williams,W.V. and Wang,B.
TITLE Compositions and methods for delivery of genetic material
JOURNAL Patent: US 5981505-A 46 09-NOV-1999;
FEATURES Location/Qualifiers
source 1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 5.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1261 AGCTTACAGCCCAACCA 1277
Db 18 AGCCAAAGCCCAACCA 2

RESULT 427
AR103532/c
LOCUS AR103532 21 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 56 from patent US 6087485.
ACCESSION AR103532
VERSION AR103532.1 GI:12815120
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Brooks-Wilson,A.R., Buckler,A., Cardon,L., Carey,A.H., Galvin,M.,
TITLE Asthma related genes
JOURNAL Patent: US 6087485-A 56 11-JUL-2000;
FEATURES Location/Qualifiers
source 1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.1e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 4891 ACAAGTGCATCTGGTTT 4909
Db 20 ACAAGTGCATCTGGCTT 2

RESULT 428
AR138150/c
LOCUS AR138150 21 bp DNA linear PAT 16-JUN-2001
DEFINITION Sequence 42 from patent US 6197755.
ACCESSION AR138150
VERSION AR138150.1 GI:14479659
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Carrano,R.A., Wang,B. and Weiner,D.B.
TITLE Compositions and methods for delivery of genetic material
JOURNAL Patent: US 6197755-A 42 06-MAR-2001;
FEATURES Location/Qualifiers

	source	1. .21 /organism="unknown" /mol_type="unassigned DNA"
	Query Match	0.3%; Score 15.4; DB 1; Length 21;
	Best Local Similarity	94.1%; Pred. No. 5.1e+02;
	Matches 16; Conservative	0; Mismatches 1; Indels 0; Gaps 0;
OY	1261 AGCTACAGCCCA 1277	
DB	18 AGCCACAGCCCA 2	
RESULT 429	BD233405	21 bp DNA linear PAT 08-AUG-2001
LOCUS	ARI48280	
DEFINITION	Sequence 11 from patent US 6225082.	
ACCESSION	ARI48280	
VERSION	ARI48280.1 GI:15112370	
KEYWORDS		
SOURCE	Unknown.	
ORGANISM	Unknown.	
REFERENCE	Unclassified.	
AUTHORS	1 (bases 1 to 21)	
TITLE	Carsen,J., Kwon,S., Ainger,K. and Avossa,D.	
JOURNAL	Melin basic protein mRNA transport and translation enhancer sequences	
FEATURES	Patent: US 6225082-A 11 01-MAY-2001;	
source	Location/Qualifiers	
	1. .21	
	/organism="unknown"	
	/mol_type="unassigned DNA"	
	Query Match	0.3%; Score 15.4; DB 1; Length 21;
	Best Local Similarity	94.1%; Pred. No. 5.1e+02;
	Matches 16; Conservative	0; Mismatches 1; Indels 0; Gaps 0;
OY	81 CTGCTGTGGGCTCCTC 97	
DB	20 CTGCTGTGGGCTCCTC 4	
RESULT 430	BD232905	21 bp DNA linear PAT 17-JUL-2003
LOCUS	BD232905	
DEFINITION	Method of detecting mutation selected by drug in HIV protease gene.	
ACCESSION	BD232905	
VERSION	BD232905.1 GI:33042675	
KEYWORDS	JP 2002518065-A/1.	
SOURCE	Aids-associated retrovirus	
ORGANISM	Aids-associated retrovirus	
REFERENCE	Viruses; Retroid viruses; Retroviridae.	
AUTHORS	1 (bases 1 to 21)	
TITLE	Stuyver,L.	
JOURNAL	Method of detecting mutation selected by drug in HIV protease gene	
COMMENT	Patent: JP 2002518065-A 1 25-JUN-2002;	
	INNOCENTIS NV	
	Aids-associated retrovirus	
OS	JP 2002518065-A/1	
PN	25-JUN-2002	
PF	22-JUN-1999 JP 2000556068	
PR	24-JUN-1998 EP 98870143.9	
PI	LIEVEN STUYVER	
PC	C12N15/09,C12Q1/68,C12Q1/70,C12N15/00	
CC	Method of detecting mutation selected by drug in HIV protease	
FT	Key gene Location/Qualifiers	
FT	source 1. .21	
FEATURES	Location/Qualifiers	
	1. .21	
	/organism='Aids-associated retrovirus'.	
	/mol_type="genomic DNA"	
	/db_xref="taxon:11966"	
	Query Match	0.3%; Score 15.4; DB 1; Length 21;
	Best Local Similarity	94.1%; Pred. No. 5.1e+02;
	Matches 16; Conservative	0; Mismatches 1; Indels 0; Gaps 0;
OY	1261 AGCTACAGCCCA 1277	
DB	4 AGCCACAGCCCA 20	
RESULT 431	BD233405	21 bp DNA linear PAT 17-JUL-2003
LOCUS	BD233405	
DEFINITION	Method of detecting mutation selected by drug in HIV protease gene.	
ACCESSION	BD233405	
VERSION	BD233405.1 GI:33043175	
KEYWORDS	JP 2002518065-A/501.	
SOURCE	Aids-associated retrovirus	
ORGANISM	Aids-associated retrovirus	
REFERENCE	Viruses; Retroid viruses; Retroviridae.	
AUTHORS	1 (bases 1 to 21)	
TITLE	Stuyver,L.	
JOURNAL	Method of detecting mutation selected by drug in HIV protease gene	
COMMENT	Patent: JP 2002518065-A 501 25-JUN-2002;	
	INNOCENTIS NV	
	Aids-associated retrovirus	
OS	JP 2002518065-A/501	
PN	25-JUN-2002	
PF	22-JUN-1999 JP 2000556068	
PR	24-JUN-1998 EP 98870143.9	
PI	LIEVEN STUYVER	
PC	C12N15/09,C12Q1/68,C12Q1/70,C12N15/00	
CC	Method of detecting mutation selected by drug in HIV protease	
FT	Key gene Location/Qualifiers	
FT	source 1. .21	
FEATURES	Location/Qualifiers	
	1. .21	
	/organism="Aids-associated retrovirus"	
	/mol_type="genomic DNA"	
	/db_xref="taxon:11966"	
	Query Match	0.3%; Score 15.4; DB 1; Length 21;
	Best Local Similarity	94.1%; Pred. No. 5.1e+02;
	Matches 16; Conservative	0; Mismatches 1; Indels 0; Gaps 0;
OY	1261 AGCTACAGCCCA 1277	
DB	4 AGCCACAGCCCA 20	
RESULT 432	CQ786140	21 bp DNA linear PAT 24-MAR-2004
LOCUS	CQ786140	
DEFINITION	Sequence 28 from Patent WO2004018676.	
ACCESSION	CQ786140	
VERSION	CQ786140.1 GI:45721243	
KEYWORDS		
SOURCE	synthetic construct	
ORGANISM	synthetic construct	
REFERENCE	artificial sequences.	
AUTHORS	1	
JENSEN,B., Gleave,M.E., Sigalevsky,M., Berald,I., Trougakos,I. and		
Gense,B.		
Knai probes targeting cancer-related proteins		
Patent: WO 2004018676-A 28 04-MAR-2004;		
The University of British Columbia (CA)		
Location/Qualifiers		
1. .21		
/organism="synthetic construct"		
/mol_type="unassigned DNA"		

[illegible]

ACCESSION	AR317440
VERSION	AR317440.1 GI:33698542
KEYWORDS	Unknown.
SOURCE	Unknown.
ORGANISM	Unclassified.
REFERENCE	1 (bases 1 to 21)
AUTHORS	Lietarte, M., Marchuk, D.A. and McAllister, K.
TITLE	Genomic sequence encoding endoglin and fragments thereof
JOURNAL	Patent: US 6562957-A 31 13-MAY-2003;
FEATURES	Location/Qualifiers
Source	1..21 /organism="unknown" /mol_type="genomic DNA"
Query Match	0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity	94.1%; Pred. No. 5.1e+02;
Matches	16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Cy	2609 AGGGAGGAACTCCTATG 2625
Dn	3 AGGGAGGAACTCAGATG 19
RESULT 436	
LOCUS	AR359811 21 bp DNA linear PAT 17-AUG-2003
DEFINITION	Sequence 10 from patent US 6593466.
ACCESSION	AR359811
VERSION	AR359811.1 GI:33766609
KEYWORDS	Unknown.
SOURCE	Unknown.
ORGANISM	Unclassified.
REFERENCE	1 (bases 1 to 21)
AUTHORS	Manoharan, M., Cook, P.D., Prakash, T.P. and Mohan, V.
TITLE	Guanidinium functionalized nucleotides and precursors thereof
JOURNAL	Patent: US 6593466-A 10 15-JUL-2003;
FEATURES	Location/Qualifiers
Source	1..21 /organism="unknown" /mol_type="genomic DNA"
Query Match	0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity	94.1%; Pred. No. 5.1e+02;
Matches	16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Cy	1186 AGAGAGAGAGAATC 1202
Dn	18 AGAGAGAGAGAAAATC 2
RESULT 437	
LOCUS	AX007459 21 bp DNA linear PAT 06-SEP-2000
DEFINITION	Sequence 1 from Patent WO967428.
ACCESSION	AX007459
VERSION	AX007459.1 GI:9995156
KEYWORDS	.
SOURCE	Aids-associated retrovirus
ORGANISM	Aids-associated retrovirus
REFERENCE	Viruses; Retrovirdae; Retroviridae.
AUTHORS	1 Stuyver, L.
TITLE	Method for detection of drug-selected mutations in the hiv protease gene
JOURNAL	Patent: WO 967428-A 1 29-DEC-1999;
FEATURES	INNOCENTICS NV (BE); STUYVER LIEVEN (BE) Location/Qualifiers
Source	1..21 /organism="Aids-associated retrovirus" /mol_type="unassigned DNA" /db_xref="taxon:11966"

Query Match 0.3%; Score 15.4; DB 1; Length 21;
 Best Local Similarity 94.1%; Pred. No. 5.1e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1261 AGCCTACAGCCGCCACCA 1277
 |||||
 DB 4 AGCCACAGCCGCCACCA 20

RESULT 438
 AX007959 21 bp DNA linear PAT 06-SEP-2000
 LOCUS Sequence 501 from Patent WO967428.
 DEFINITION AX007959
 ACCESSION AX007959
 VERSION AX007959.1 GI:9995656
 KEYWORDS
 SOURCE Aids-associated retrovirus
 ORGANISM Aids-associated retrovirus
 Viruses; Retroid viruses; Retroviridae.
 REFERENCE
 1 Stuyver, L.
 AUTHORS Method for detection of drug-selected mutations in the hiv protease
 TITLE Patent: WO 9967428-A 501 29-DEC-1999;
 JOURNAL INNOCENTICS NV (BE); STUYVER LIEVEN (BE)
 LOCATION/Qualifiers
 1. 21
 /organism="Aids-associated retrovirus"
 /mol_type="unassigned DNA"
 /db_xref="taxon:11966"

Query Match 0.3%; Score 15.4; DB 1; Length 21;
 Best Local Similarity 94.1%; Pred. No. 5.1e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1261 AGCCTACAGCCGCCACCA 1277
 |||||
 DB 4 AGCCACAGCCGCCACCA 20

RESULT 439
 AX058646/c 21 bp DNA linear PAT 17-JAN-2001
 LOCUS Sequence 53 from Patent WO0075321.
 DEFINITION AX058646
 ACCESSION AX058646
 VERSION AX058646.1 GI:12310987
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 Artificial sequences.
 REFERENCE
 1 Shinkbe, R.A., Fernandes, E., Herrman, V. and Vernet, C.
 AUTHORS Polynucleotides and membrane-bound polypeptides encoded thereby
 TITLE Patent: WO 0075321-A 53 14-DEC-2000;
 JOURNAL Curagen Corporation (US)
 LOCATION/Qualifiers
 1. 21
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="chemically synthesized"

Query Match 0.3%; Score 15.4; DB 1; Length 21;
 Best Local Similarity 94.1%; Pred. No. 5.1e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1925 CTTCTTGAGCAGCA 1941
 |||||
 DB 20 CTTCTTGAGCAGCA 4

RESULT 440

AX214491
 LOCUS AX214491 21 bp DNA linear PAT 06-SEP-2001
 DEFINITION Sequence 34 from Patent WO0159152.
 ACCESSION AX214491
 VERSION AX214491.1 GI:15524539
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 Artificial sequences.
 REFERENCE
 1 Zanger, U.M. and Lang, T.
 AUTHORS Polymorphisms in the human cyp2b6 gene and their use in diagnostic
 TITLE and therapeutic applications
 JOURNAL Patent: WO 0159152-A 34 16-AUG-2001;
 EpiDuros Biotechnologie AG (DE)
 LOCATION/Qualifiers
 1. 21
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="artificial"

Query Match 0.3%; Score 15.4; DB 1; Length 21;
 Best Local Similarity 94.1%; Pred. No. 5.1e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4869 GTCCTGAGTTCTTCTC 4885
 |||||
 DB 1 GTCCTGAGTTCTTCTC 17

RESULT 441
 AX956632 21 bp DNA linear PAT 08-JAN-2004
 LOCUS Sequence 182 from Patent WO03097869.
 DEFINITION AX956632
 ACCESSION AX956632
 VERSION AX956632.1 GI:40785141
 KEYWORDS
 SOURCE Rosa sp.
 ORGANISM Rosa sp.
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
 rosids; eurosids I; Rosales; Rosaceae; Rosoideae; Rosa.
 REFERENCE
 1 Suesse, K.H.
 AUTHORS Microsatellite markers for genetic analyses and the differentiation
 TITLE of roses
 JOURNAL Patent: WO 03097869-A 182 27-NOV-2003;
 Con/Cipio GmbH (DE)
 LOCATION/Qualifiers
 1. 21
 /organism="Rosa sp."
 /mol_type="unassigned DNA"
 /db_xref="taxon:36598"

Query Match 0.3%; Score 15.4; DB 1; Length 21;
 Best Local Similarity 94.1%; Pred. No. 5.1e+02;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2920 CTTCTCCGCTCTCA 2936
 |||||
 DB 5 CTTCTCCGCTCTCA 21

RESULT 442
 BD129762 21 bp DNA linear PAT 18-SEP-2002
 LOCUS BD129762
 DEFINITION Asthma-associated gene.
 ACCESSION BD129762
 VERSION BD129762.1 GI:23224707
 KEYWORDS JP 2002500895-A/52.
 SOURCE unidentified
 ORGANISM unidentified

unclassified.
1 (bases 1 to 21)
REFERENCE Wilson,A.R.B., Buckler,A., Cardon,L., Carey,A.H., Galvin,M.,
AUTHORS Miller,A. and North,M.
TITLE Asthma-associated gene
JOURNAL Patent: JP 2002500895-A 52 15-JAN-2002;
AXIS PHARMACEUTICALS INC
COMMENT OS Unidentified
PN JP 2002500895-A/52
PD 15-JAN-2002
PF 21-JAN-1998 JP 2000528715
PI ANGELA R BROOKS WILSON,ALAN BUCKLER,LON
CARDON,ALISOUN H CAREY,
PI MARGARET GALVIN,ANDREW MILLER,MICHAEL NORTH
PC C12Q1/68,A01K67/027,C07K14/47,C12N15/09,C12N15/00 CC
Strandedness: Single;
CC Topology: Linear;
CC Asthma-associated gene
FH Key Location/Qualifiers
FT source 1..21
FEATURES Location/Qualifiers
source 1..21
/organism="Unidentified"
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.1e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 4891 ACAAGTTGCCATCTGCTT 4909
Db 20 ACAAGTTGCTGCTGCTT 2

RESULT 443
AR066407/c 22 bp DNA linear PAT 29-SEP-1999
LOCUS AR066407
DEFINITION Sequence 31 from patent US 5849995.
ACCESSION AR066407
VERSION AR066407.1 GI:5996623
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 22)
AUTHORS Hayden,M., Lin,B. and Nasir,J.
TITLE Mouse model for Huntington's Disease and related DNA sequences
JOURNAL Patent: US 5849995-A 31 15-DEC-1998;
FEATURES Location/Qualifiers
source 1..22
/organism="Unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.4; DB 1; Length 22;
Best Local Similarity 94.1%; Pred. No. 5.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5395 AAAAATACAAAAGAA 5411
Db 20 AAAAATACAAAAGAA 4

RESULT 444
CQ796440/c 22 bp DNA linear PAT 19-APR-2004
LOCUS CQ796440
DEFINITION Sequence 3 from Patent WO2004027093.
ACCESSION CQ796440
VERSION CQ796440.1 GI:46408212
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct

artificial sequences.
1
REFERENCE Mir,K.
AUTHORS Molecular arrays and single molecule detection
JOURNAL Patent: WO 2004027093-A 3 01-APR-2004;
THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF OXFORD
(GB)
FEATURES Location/Qualifiers
source 1..22
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Anchor oligonucleotide (pg 152)"
22
misc_feature
/note="V = A, G or C"

Query Match 0.3%; Score 15.4; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 5392 TAAAAAATACAAAAGAA 5412
Db 21 BAAAAAATACAAAAGAA 1

RESULT 445
AX583623/c 22 bp DNA linear PAT 10-JAN-2003
LOCUS AX583623
DEFINITION Sequence 3 from Patent WO02074988.
ACCESSION AX583623
VERSION AX583623.1 GI:27655433
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Mir,K.
TITLE Arrays and methods of use
JOURNAL Patent: WO 02074988-A 3 26-SEP-2002;
THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF OXFORD
(GB)
FEATURES Location/Qualifiers
source 1..22
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic oligonucleotide primer (Oligo-dT)"

Query Match 0.3%; Score 15.4; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 5392 TAAAAAATACAAAAGAA 5412
Db 21 BAAAAAATACAAAAGAA 1

RESULT 446
AX745979 22 bp DNA linear PAT 14-MAY-2003
LOCUS AX745979
DEFINITION Sequence 16 from Patent WO03030922.
ACCESSION AX745979
VERSION AX745979.1 GI:30724630
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Steuernagel,A., Bruenner,G., Fritsch,R., Eulenberg,K. and
TITLE Cloossek,T.
JOURNAL Bestrophin and bestrophin homologous proteins involved in the
regulation of energy homeostasis
Patent: WO 03030922-A 16 17-APR-2003;

Develogen Aktiengesellschaft fuer Entwicklungsbiologische Forschung
(DB)

FEATURES
source Location/Qualifiers

1..22
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="primer"

Query Match 0.3%; Score 15.4; DB 1; Length 22;

Best Local Similarity 94.1%; Pred. No. 5.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2954 AGGAGCTGAGCCTAGT 2970

DB 1 AGGATCTGAGCCTAGT 17

RESULT 447

AX952119

LOCUS AX952119 22 bp DNA linear PAT 08-JAN-2004

DEFINITION Sequence 25 from Patent WO03093506.

ACCESSION AX952119

VERSION AX952119.1 GI:40782501

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS Ferguson,M.W., Ollifer,W.E. and Bayat,A.

TITLE Genetic testing

JOURNAL Patent: WO 03093506-A 25 13-NOV-2003;

Renovo Limited (GB)

Location/Qualifiers

FEATURES

source

1..22
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
/note="Artificial Primer"

Query Match 0.3%; Score 15.4; DB 1; Length 22;

Best Local Similarity 94.1%; Pred. No. 5.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 340 TTCTTACCACTGCCCT 356

DB 3 TTCTTACCACTGCCCT 19

RESULT 448

AB005884/c

LOCUS AB005884 20 bp DNA linear MAM 24-JUL-1997

DEFINITION Bos taurus PCR sense primer for microsatellite D1K14.

ACCESSION AB005884

VERSION AB005884.1 GI:2280523

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

REFERENCE

AUTHORS

TITLE

JOURNAL

REFERENCE

AUTHORS

TITLE

JOURNAL

Unpublished
2 (bases 1 to 20)
Ihara,N.
Direct Submision
Submitted (18-JUL-1997) Naoya Ihara, Japan Live Stock Technology
Association, Shizuka Institute of Animal Genetics, Nishigo
Odakura, Nishishirakawa, Fukushima 961, Japan

(E-mail:LD103222@niftyserve.or.jp, Tel: +81-248-25-5641,
Fax: +81-248-25-5725)

FEATURES
source Location/Qualifiers

1..20
/organism="Bos taurus"
/mol_type="genomic DNA"
/db_xref="taxon:9913"
misc_feature
/note="microsatellite D1K14 PCR sense primer"

Query Match 0.3%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2972 GAACCTGCTGAGCCTCT 2991

DB 20 GAACCTCCTAAGCCCTCT 1

RESULT 449

A73034

LOCUS A73034 20 bp DNA linear PAT 15-OCT-1999

DEFINITION Sequence 10 from Patent WO9429451.

ACCESSION A73034

VERSION A73034.1 GI:6063922

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS Morgan,S.A. and Emtage,J.S.

TITLE HUMANISED ANTIBODIES

JOURNAL Patent: WO 9429451-A 10 22-DEC-1994;

CELTECH LTD (GB); MORGAN SUSAN ADRIENNE (GB)

Location/Qualifiers

FEATURES

source

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/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1272 CCACCACCAACGATGAGC 1291

DB 1 CCACCACCAACGATGAGC 20

RESULT 450

A73126

LOCUS A73126 20 bp DNA linear PAT 15-OCT-1999

DEFINITION Sequence 10 from Patent WO9429351.

ACCESSION A73126

VERSION A73126.1 GI:6063997

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS Morgan,S.A. and Emtage,J.S.

TITLE ANTIBODIES

JOURNAL Patent: WO 9429351-A 10 22-DEC-1994;

CELTECH LTD (GB); MORGAN SUSAN ADRIENNE (GB)

Location/Qualifiers

FEATURES

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/db_xref="taxon:32644"

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Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1272 CCACCACCATGGAGC 1291
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Db 1 CCACCACCATGGAGC 20

RESULT 451
AR023992 AR023992 20 bp DNA linear PAT 05-DEC-1998
LOCUS Sequence 10 from patent US 5795764.
DEFINITION AR023992
ACCESSION AR023992
VERSION AR023992.1 GI:3977286
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

1 (bases 1 to 20)
Christgau, S., Kotod, L., Venke, J., Andersen, L., Nonboe, J., Kauppinen, S.,
Helat-Hansen, H., Peter, and Dalboege, H.
Enzyme exhibiting mannase activity
Patent: US 5795764-A 10 18-AUG-1998;
Location/Qualifiers
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/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 39 CAGCAGCCGGGGCTCACT 58
|||||
Db 1 CAGCAGCTCGGGGCTCACT 20

RESULT 452
AR064875 AR064875 20 bp DNA linear PAT 29-SEP-1999
LOCUS Sequence 5 from patent US 5849480.
DEFINITION AR064875
ACCESSION AR064875
VERSION AR064875.1 GI:5995091
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

1 (bases 1 to 20)
Cros, P., Kurfurst, R., Battail, N., and Pige, N.
Process and device for assaying a hapten
Patent: US 5849480-A 5 15-DEC-1998;
Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAAGAA 5412
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Db 20 AAAAAATCAAAAAAGAA 1

RESULT 453
AR080000 AR080000 20 bp DNA linear PAT 31-AUG-2000
LOCUS Sequence 83 from patent US 598524.
DEFINITION AR080000
ACCESSION AR080000
VERSION AR080000.1 GI:10006735
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

1 (bases 1 to 20)
Tan, P., Skinner, M., and Prestidge, R.
Compounds and methods for treatment and diagnosis of mycobacterial
infections
Patent: US 5985287-A 83 16-NOV-1999;
Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAAGAA 5412
|||||
Db 20 AAAAAATCAAAAAAGAA 1

RESULT 454
AR085559 AR085559 20 bp DNA linear PAT 01-SEP-2000
LOCUS Sequence 37 from patent US 5981731.
DEFINITION AR085559
ACCESSION AR085559
VERSION AR085559.1 GI:10012326
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

1 (bases 1 to 20)
Moria, B.P.
Antisense oligonucleotide modulation of B-raf gene expression
Patent: US 5981731-A 37 09-NOV-1999;
Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5412 AAAATGAAATTAACGAAT 5431
|||||
Db 20 AAAAGCAAAATTAATGAACA 1

RESULT 455
AR085926 AR085926 20 bp DNA linear PAT 07-SEP-2000
LOCUS Sequence 83 from patent US 5985287.
DEFINITION AR085926
ACCESSION AR085926
VERSION AR085926.1 GI:10012692
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

1 (bases 1 to 20)
Tan, P., Skinner, M., and Prestidge, R.
Compounds and methods for treatment and diagnosis of mycobacterial
infections
Patent: US 5985287-A 83 16-NOV-1999;
Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAAGAA 5412
|||||
Db 20 AAAAAATCAAAAAAGAA 1

REFERENCE 1 (bases 1 to 20)
AUTHORS Watson, J.D. and Tan, P.L.J.
TITLE Methods and compounds for the treatment of immunologically-mediated
psoriasis
JOURNAL Patent: US 5968524-A 83 19-OCT-1999;
FEATURES Location/Qualifiers
source
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAAGAA 5412
|||||
Db 1 AAAAAATCAAAAAAGAA 20

RESULT 454
AR085559 AR085559 20 bp DNA linear PAT 01-SEP-2000
LOCUS Sequence 37 from patent US 5981731.
DEFINITION AR085559
ACCESSION AR085559
VERSION AR085559.1 GI:10012326
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

1 (bases 1 to 20)
Moria, B.P.
Antisense oligonucleotide modulation of B-raf gene expression
Patent: US 5981731-A 37 09-NOV-1999;
Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5412 AAAATGAAATTAACGAAT 5431
|||||
Db 20 AAAAGCAAAATTAATGAACA 1

RESULT 455
AR085926 AR085926 20 bp DNA linear PAT 07-SEP-2000
LOCUS Sequence 83 from patent US 5985287.
DEFINITION AR085926
ACCESSION AR085926
VERSION AR085926.1 GI:10012692
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

1 (bases 1 to 20)
Tan, P., Skinner, M., and Prestidge, R.
Compounds and methods for treatment and diagnosis of mycobacterial
infections
Patent: US 5985287-A 83 16-NOV-1999;
Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAAGAA 5412
|||||
Db 20 AAAAAATCAAAAAAGAA 1

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	FEATURES	Location/Qualifiers	
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Matches	17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;		
Dy	4398 GAAGACACAAGAATGAGA 4417		
Db	20 GCAGACCAAGAAAATGTGA 1		
RESULT 459			
LOCUS	AR118970	20 bp	DNA linear PAT 16-MAY-2001
DEFINITION	Sequence 96 from patent US 6150092.		
ACCSSION	AR118970		
VERSION	AR118970.1 GI:14100880		
KEYWORDS	.		
SOURCE	. Unknown. . Unclassified.		
ORGANISM	Unclassified.		
REFERENCE	1 (bases 1 to 20)		
AUTHORS	Uchida,K., Uchida,T., Tanaka,Y., Matsuda,Y. and Kondo,S.		
TITLE	Antisense nucleic acid compound targeted to VEGF		
JOURNAL	Patent : US 6150092-A 96 21-NOV-2000;		
FEATURES	location/Qualifiers		
source	1..20 /organism="unknown" /mol_type="unassigned DNA"		
OY	Query Match	0.3%; Score 15.2; DB 1; Length 20;	
	Best Local Similarity	85.0%; Pred.No. 5.3e+02;	
Matches	17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;		
Dy	5393 AAAAAAATACAAAGCAA 5412		
Db	20 AAAAAAAAAAAAAAAAAA 1		
RESULT 460			
LOCUS	ARI21692	20 bp	DNA linear PAT 16-MAY-2001
DEFINITION	Sequence 83 from patent US 6160093.		
ACCSSION	ARI21692		
VERSION	ARI21692.1 GI:14105268		
KEYWORDS	.		
SOURCE	. unknown. . Unknown.		
ORGANISM	Unknown.		
REFERENCE	1 (bases 1 to 20)		
AUTHORS	Vieser,B.		
TITLE	Compounds and methods for treatment and diagnosis of mycobacterial infections		
JOURNAL	Patent : US 6160093-A 83 12-Dec-2000;		
FEATURES	location/Qualifiers		
source	1..20 /organism="unknown" /mol_type="unassigned DNA"		
OY	Query Match	0.3%; Score 15.2; DB 1; Length 20;	
	Best Local Similarity	85.0%; Pred.No. 5.3e+02;	
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Dy	5393 AAAAAAATACAAAGCAA 5412		
Db	1 AAAAAAAAAAAAAAAAAA 20		
RESULT 461			
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LOCUS AR123335 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 1 from patent US 6169176.
ACCESSION AR123335
VERSION AR123335.1 GI:14108301
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
TITLE Brucce,T.C. and Dev,A.P.
JOURNAL Deoxynucleic alky1 thionrea compounds and uses thereof
FEATURES
source
Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAA 20

RESULT 462
LOCUS AR126930 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 10 from patent US 6180377.
ACCESSION AR126930
VERSION AR126930.1 GI:14113523
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
TITLE Morgan,S.Adrienne., Emtege,J.Spencer., Bodmer,M.William. and Achwal,D.Singh.
JOURNAL Humanized antibodies
FEATURES
source
Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1272 CCACCACCAACGATGGAGC 1291
Db 1 CCACCACCAACGATGGACC 20

RESULT 463
LOCUS AR141070 20 bp DNA linear PAT 16-JUN-2001
DEFINITION Sequence 1 from patent US 6207819.
ACCESSION AR141070
VERSION AR141070.1 GI:14483566
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
TITLE Mandaharan,M. and Maier,M.A.
JOURNAL Compounds, processes and intermediates for synthesis of mixed backbone oligomeric compounds
FEATURES
source
Location/Qualifiers
1..20
/organism="unknown"

/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAGAAA 5412
Db 20 AAAAAAAAAAAAAAAAAA 1

RESULT 464
LOCUS AR154115 20 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 14 from patent US 6238865.
ACCESSION AR154115
VERSION AR154115.1 GI:15122168
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
TITLE Huang,Z. and Szostak,J.W.
JOURNAL Simple and efficient method to label and modify 3'-termini of RNA using DNA polymerase and a synthetic template with defined overhang nucleotides
FEATURES
source
Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAGAAA 5412
Db 20 AAAAAAAAAAAAAAAAAA 1

RESULT 465
LOCUS AR164658 20 bp DNA linear PAT 17-OCT-2001
DEFINITION Sequence 13 from patent US 6274321.
ACCESSION AR164658
VERSION AR164658.1 GI:16237754
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
TITLE Blumberg,B.
JOURNAL High throughput functional screening of cDNAs
FEATURES
source
Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAA 20

RESULT 466
LOCUS BD182662 20 bp DNA linear PAT 17-JUL-2003
DEFINITION A Method for Creating Endothelial Cell Dysfunction in Cell

```

ACCESSION  BD182662
VERSION     BD182662.1  GI:31874862
KEYWORDS    JP 2002355075-A/3.
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
            1 (bases 1 to 20)
REFERENCE   1 (bases 1 to 20)
AUTHORS     Kraenastis,S.K., Lin,Z. and Panec,R.L.
TITLE       A Method for Creating Endothelial Cell Dysfunction in Cell
            Structure
            Patent: JP 2002355075-A 3 10-DEC-2002;
JOURNAL     Warner-Lambert Company
COMMENT     OS Homo sapiens
            PN JP 2002355075-A/3
            PD 10-DEC-2002 JP 2002020731
            PE 29-JAN-2002 JP 2002020731
            PR 29-JAN-2001 US 60/264780
            PI sociillos konstantinou kraenastis, zlu lln, robert lee panec CC
            FH Key Location/Qualifiers
FEATURES    source
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            /mol_type="genomic DNA"
            /db_xref="taxon:9606"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 135 GATCTCAGAGTCCAGAGACC 154
Db 1 GATCTCAGAGTCCAGAGACC 20

RESULT 467
LOCUS      BD218101
DEFINITION BD218101 20 bp DNA linear PAT 17-JUL-2003
            Compositions derived from mycobacterium vaccae and methods for
            their use.
ACCESSION  BD218101
VERSION     BD218101.1 GI:33027871
KEYWORDS    JP 2002514385-A/26.
SOURCE      synthetic construct
            ORGANISM synthetic construct
            1 (bases 1 to 20)
            Tan,P., Watson,J., Visser,B.S., Skinner,M.A. and Prestid,R.L.
            Compositions derived from mycobacterium vaccae and methods for
            their
JOURNAL     Patent: JP 2002514385-A 26 21-MAY-2002;
            GENESIS RESEARCH AND DEVELOPMENT CORP LTD
            OS Artificial Sequence
            PN JP 2002514385-A/26
            PD 21-MAY-2002
            PE 23-DEC-1998 JP 2000525553
            PR 23-DEC-1997 US 08/997362,23-DEC-1997 US 08/997080 PR
            23-DEC-1997 US 08/996624,11-JUN-1998 US 09/095855 PR
            17-SEP-1998 US 09/156181,04-DEC-1998 US 09/205426 PI PAUL
            TAN,JAMES WATSON,ELIZABETH S VISSER,MARGOT A SKINNER,ROSS
            PI L PRESTIDGE
            PC C12N15/09,A61K31/711,A61K39/04,A61K48/00,A61P11/00,A61P11/06,
            PC A61P17/00,
            PC A61P17/06,A61P31/00,A61P31/06,A61P37/04,C07K14/35,C07K16/12,
            PC C07K19/00,
            PC C12N1/19,C12N1/21,C12N5/10,C12P21/08,C12Q1/02,G01N33/569, PC
            G01N33/68//
            CC (C12N15/09,C12R1/32),C12N15/00,C12N5/00,(C12N15/00,C12R1/32)
            Made in a lab
            FH Key Location/Qualifiers
            1..20
            /organism="Artificial Sequence".

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Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1960 GGGTCTCTGAGTCCAGCAG 1979
Db 20 GGGAGCTCTGAGTCCAGCAG 1

RESULT 469
LOCUS      CQ761462/c
DEFINITION CQ761462 20 bp DNA linear PAT 03-MAR-2004
            Sequence 80 from Patent WO2004003201.
ACCESSION  CQ761462
VERSION     CQ761462.1 GI:44904698
KEYWORDS    synthetic construct
            SOURCE synthetic construct
            ORGANISM synthetic construct
            1 (bases 1 to 20)
            Kane,C.D.
            Antisense modulation of ltn1 expression
            Patent: WO 2004003201-A 80 08-JAN-2004;
            JOURNAL Pharmacia Corporation (US)
            TITLE Antisense modulation of ltn1 expression
            AUTHORS Kane,C.D.
            PHARMACIA CORPORATION (US)
            FT source
            1..20
            Location/Qualifiers
            1..20
            /organism="Artificial Sequence".

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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRHI antisense"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3436 AGGGCCCTGAGCAGAGAA 3455
DB 20 AGGGCCCTGAGCAGAGAA 1

RESULT 470
LOCUS CQ762439 20 bp DNA
DEFINITION Sequence 1057 from Patent WO2004003201.
ACCESSION CQ762439
VERSION CQ762439.1 GI:44905675
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Kane,C.D.
TITLE Antisense modulation of lrhi expression
JOURNAL Patent: WO 2004003201-A 1057 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source Location/Qualifiers
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRHI antisense"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3437 GGGCCCTGAGCAGAGAA 3456
DB 20 GGGCCCTGAGCAGAGAA 1

RESULT 471
LOCUS CQ763876 20 bp DNA
DEFINITION Sequence 2494 from Patent WO2004003201.
ACCESSION CQ763876
VERSION CQ763876.1 GI:44907112
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Kane,C.D.
TITLE Antisense modulation of lrhi expression
JOURNAL Patent: WO 2004003201-A 2494 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source Location/Qualifiers
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/organism="synthetic construct"
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/db_xref="taxon:32630"
/note="Human LRHI antisense"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1610 ATGTCTTCTAATTCAGATC 1629
DB 20 ATGTCTTCTAATTCAGATC 1

RESULT 472
LOCUS CQ764249 20 bp DNA
DEFINITION Sequence 2867 from Patent WO2004003201.
ACCESSION CQ764249
VERSION CQ764249.1 GI:44907485
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Kane,C.D.
TITLE Antisense modulation of lrhi expression
JOURNAL Patent: WO 2004003201-A 2867 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source Location/Qualifiers
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRHI antisense"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1608 GCATGCTTCTAATTCAGAT 1627
DB 20 GCATGCTTCTAATTCAGAT 1

RESULT 473
LOCUS CQ784128 20 bp DNA
DEFINITION Sequence 4268 from Patent EP1396543.
ACCESSION CQ784128
VERSION CQ784128.1 GI:4553616
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Ota,T., Nishikawa,T., Ieogai,T., Hayashi,K., Ishii,S., Kawai,Y.,
Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and
Koga,H.
TITLE Primers for synthesizing full length cDNA clones and their use
JOURNAL Patent: EP 1396543-A 4268 10-MAR-2004;
Research Association for Biotechnology (JP)
FEATURES
source Location/Qualifiers
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of Artificial Sequence: an artificially
synthesized primer se q uence"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3593 TTGCTCAGGCTAATTCGAA 3612
DB 1 TTGCTCAGGCTAATTCGAA 20

RESULT 474
LOCUS CQ784129 20 bp DNA
DEFINITION Sequence 4269 from Patent EP1396543.
ACCESSION CQ784129

/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRHI antisense"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3436 AGGGCCCTGAGCAGAGAA 3455
DB 20 AGGGCCCTGAGCAGAGAA 1

RESULT 470
LOCUS CQ762439 20 bp DNA
DEFINITION Sequence 1057 from Patent WO2004003201.
ACCESSION CQ762439
VERSION CQ762439.1 GI:44905675
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Kane,C.D.
TITLE Antisense modulation of lrhi expression
JOURNAL Patent: WO 2004003201-A 1057 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRHI antisense"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3437 GGGCCCTGAGCAGAGAA 3456
DB 20 GGGCCCTGAGCAGAGAA 1

RESULT 471
LOCUS CQ763876 20 bp DNA
DEFINITION Sequence 2494 from Patent WO2004003201.
ACCESSION CQ763876
VERSION CQ763876.1 GI:44907112
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Kane,C.D.
TITLE Antisense modulation of lrhi expression
JOURNAL Patent: WO 2004003201-A 2494 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRHI antisense"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1610 ATGTCTTCTAATTCAGATC 1629
DB 20 ATGTCTTCTAATTCAGATC 1

RESULT 472
LOCUS CQ764249 20 bp DNA
DEFINITION Sequence 2867 from Patent WO2004003201.
ACCESSION CQ764249
VERSION CQ764249.1 GI:44907485
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Kane,C.D.
TITLE Antisense modulation of lrhi expression
JOURNAL Patent: WO 2004003201-A 2867 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRHI antisense"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1608 GCATGCTTCTAATTCAGAT 1627
DB 20 GCATGCTTCTAATTCAGAT 1

RESULT 473
LOCUS CQ784128 20 bp DNA
DEFINITION Sequence 4268 from Patent EP1396543.
ACCESSION CQ784128
VERSION CQ784128.1 GI:4553616
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Ota,T., Nishikawa,T., Ieogai,T., Hayashi,K., Ishii,S., Kawai,Y.,
Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and
Koga,H.
TITLE Primers for synthesizing full length cDNA clones and their use
JOURNAL Patent: EP 1396543-A 4268 10-MAR-2004;
Research Association for Biotechnology (JP)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of Artificial Sequence: an artificially
synthesized primer se q uence"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3593 TTGCTCAGGCTAATTCGAA 3612
DB 1 TTGCTCAGGCTAATTCGAA 20

RESULT 474
LOCUS CQ784129 20 bp DNA
DEFINITION Sequence 4269 from Patent EP1396543.
ACCESSION CQ784129

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VERSION      CQ784129.1  GI:45538617
KEYWORDS     '
SOURCE       '
ORGANISM     'synthetic construct
              'synthetic construct
              'artificial sequences.
REFERENCE    1
AUTHORS      Ota,T., Nishikawa,T., Isogai,T., Hayaishi,K., Ishii,S., Kawai,Y.,
              Makamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and
              Koga,H.
TITLE        Primers for synthesizing full length cDNA clones and their use
JOURNAL      Patent: EP 1396543-A 4269 10-MAR-2004;
              Research Association for Biotechnology (JP)
FEATURES     source
              1..20
              /organism="synthetic construct"
              /mol_type="unassigned DNA"
              /db_xref="taxon:32630"
              /note="Description of Artificial Sequence: an artificially
              synthesized primer sequence"

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      3593 TTGCTCAGGCTATCTCAAA 3612
Db      1 TTGCCAGGCTAGTCTCGAA 20

RESULT 475
LOCUS      CQ826892          20 bp    DNA          linear    PAT 29-JUN-2004
DEFINITION Sequence 30 from Patent WO2004050881.
ACCESSION  CQ826892
VERSION     CQ826892.1  GI:49455579
KEYWORDS    '
SOURCE      '
ORGANISM     'Hordeum vulgare
              'Hordeum vulgare
              'Bakeriacea; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
              'Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
              'Pooidae; Triticeae; Hordeum.
REFERENCE    1
AUTHORS      Jansson,C. and Sun,C.
TITLE        Transcription factor
JOURNAL      Patent: WO 2004050881-A 30 17-JUN-2004;
              Plant Bioscience Limited (GB)
FEATURES     source
              1..20
              /organism="Hordeum vulgare"
              /mol_type="unassigned DNA"
              /db_xref="taxon:4513"

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5397 AATATCAAAAAGAAAAT 5416
Db      1 AATCTCTAAAAAAAAT 20

RESULT 476
LOCUS      E04579          20 bp    DNA          linear    PAT 29-SEP-1997
DEFINITION PCR primer to detect Bacillus cereus.
ACCESSION  E04579
VERSION     E04579.1  GI:2172780
KEYWORDS    '
SOURCE      'JP 1991049696-A/4
              '
ORGANISM     'synthetic construct
              'artificial sequences.
REFERENCE    1 (bases 1 to 20)
AUTHORS      Ohashi,T., Jikuya,H. and Takano,J.

```

```

TITLE        OLIGONUCLEOTIDE FOR DETECTING BACTERIA AND METHOD FOR DETECTION
USING THE SAME
JOURNAL      Patent: JP 1991049696-A 4 04-MAR-1991;
              SHIMADZU CORP
COMMENT      OS Artificial gene
              OC Artificial sequence; Genes.
              PN JP 1991049696-A/4
              PD 04-MAR-1991
              PI 18-JUL-1989 JP 1989185681
              PI OHASHI TETSUO, JIKUYA HIROYUKI, TAKANO JUN
              PC C12Q1/68,C12Q1/04;
              CC strandedness: Single;
              CC topology: linear.
FEATURES     source
              1..20
              /organism="synthetic construct"
              /mol_type="genomic DNA"
              /db_xref="taxon:32630"

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      64 TTCTGAAGCCCATTCCTG 83
Db      1 TTCTGTATGCCCTTCCCTG 20

RESULT 477
LOCUS      E12676/c          20 bp    DNA          linear    PAT 27-APR-1998
DEFINITION Anti-HTLV-1 antisense oligonucleotide.
ACCESSION  E12676
VERSION     E12676.1  GI:3251508
KEYWORDS    '
SOURCE      'JP 1997052898-A/10.
              '
ORGANISM     'unidentified
              'unidentified
              'unclassified.
              '1 (bases 1 to 20)
REFERENCE    1
AUTHORS      Mizuguchi,M., Kurosaki,N., Makino,K., Koyanagi,Y. and Yamamoto,N.
TITLE        ANTI-HTLV-1 ANTI-SENSE OLIGONUCLEOTIDE
JOURNAL      Patent: JP 1997052898-A 10 25-FEB-1997;
              SOYAKU GIJUTSU KENKYUSHO:KK
COMMENT      OS None
              OC Artificial sequences.
              PN JP 1997052898-A/10
              PD 25-FEB-1997
              PI 09-AUG-1995 JP 1995224606
              PI MIZUGUCHI MASATSUGU, KUROSAKI NAKO, MAKINO KEISUKE, PI
              KOYANAGI YOSHIO.
              PI YAMAMOTO NAKO
              PC C07H21/04//A61K31/70;
              CC strandedness: Single;
              CC topology: linear;
              CC hypothetical: No;
              CC anti-sense: Yes;
              FH key
              FT source
              FT 1..20
              /organism="Artificial sequences".
              /organism="unidentified"
              /mol_type="genomic DNA"
              /db_xref="taxon:32644"

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5393 AAAAAAATACAAAAA 5412
Db      20 AAAAAAATACAAAAA 1

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```
RESULT 478
E32534          20 bp      DNA      linear      PAT 18-JUN-2001
LOCUS           Scavenger receptor-like protein.
DEFINITION      E32534
ACCESSION       E32534
VERSION         E32534.1 GI:13026781
KEYWORDS        JP 1999123094-A/34.
SOURCE          synthetic construct
ORGANISM        synthetic construct
                artificial sequences.
REFERENCE       1 (bases 1 to 20)
AUTHORS        Yusuke,N. and Ryuji,T.
TITLE          Scavenger receptor-like protein
JOURNAL        Patent: JP 1999123094-A 34 11-MAY-1999;
                JAPAN TOBACCO INC
COMMENT         OS Artificial Sequence
                PN JP 1999123094-A/34
                PD 11-MAY-1999
                PF 30-JUL-1998 JP 1998230121
                PR
                PI YUSUKE NAKAMURA, RYUJI TOKINO
                PC C12N15/09,C07K14/705,C07K16/28,C12N1/19,C12N5/10,C12P21/02, PC
                PC C12P21/08//
                PC (C12N1/19,C12R1:645), (C12N5/10,C12R1:91), (C12P21/02,C12R1:645), PC
                PH (C12P21/08,C12R1:91), (C12N15/00,C12N5/00), (C12N5/00,C12R1:91) CC
                FH Key Location/Qualifiers
                FT source 1..20
                FT /organism='Artificial Sequence'.
FEATURES
source          1..20
                /organism="synthetic construct"
                /mol_type="genomic DNA"
                /db_xref="taxon:32630"

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 568 CTGAAGAGAGAGAGCTGAA 587
Db 1 CTGAACATGAGAGAGCTGAA 20

RESULT 479
I36180/c       20 bp      DNA      linear      PAT 13-MAY-1997
LOCUS           Sequence 16 from patent US 5605662.
DEFINITION      I36180
ACCESSION       I36180
VERSION         I36180.1 GI:2086693
KEYWORDS
SOURCE          Unknown.
ORGANISM        Unclassified.
REFERENCE       1 (bases 1 to 20)
AUTHORS        Heller,M.J. and Ty,E.
TITLE          Active programmable electronic devices for molecular biological
                analysis and diagnostics
JOURNAL        Patent: US 5605662-A 16 25-FEB-1997;
FEATURES        Location/Qualifiers
source          1..20
                /organism="unknown"
                /mol_type="unassigned DNA"

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATCAAAAAAGAA 5412
Db 20 AAAAAAATCAAAAAAGAA 1
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```
RESULT 480
AR211367/c     20 bp      DNA      linear      PAT 20-JUN-2002
LOCUS           Sequence 5 from patent US 6393305.
DEFINITION      AR211367
ACCESSION       AR211367
VERSION         AR211367.1 GI:21514670
KEYWORDS
SOURCE          Unknown.
ORGANISM        Unknown.
REFERENCE       1 (bases 1 to 20)
AUTHORS        Makino,Y., Abe,Y., Takagi,M., Takenaka,S., Yamashita,K. and
                Ogawa,M.
TITLE          Protection of partial complementary nucleic acid fragment using a
                electroconductive chip and intercalator
JOURNAL        Patent: US 6393305-A 5 04-JUN-2002;
FEATURES        Location/Qualifiers
source          1..20
                /organism="unknown"
                /mol_type="unassigned DNA"

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATCAAAAAAGAA 5412
Db 20 AAAAAAATCAAAAAAGAA 1

RESULT 481
AR212113/c     20 bp      DNA      linear      PAT 20-JUN-2002
LOCUS           Sequence 80 from patent US 6393379.
DEFINITION      AR212113
ACCESSION       AR212113
VERSION         AR212113.1 GI:21515612
KEYWORDS
SOURCE          Unknown.
ORGANISM        Unclassified.
REFERENCE       1 (bases 1 to 20)
AUTHORS        Baker,B.F. and Freier,S.M.
TITLE          Antisense modulation of interleukin 12 p35 subunit expression
JOURNAL        Patent: US 6393379-A 80 04-JUN-2002;
FEATURES        Location/Qualifiers
source          1..20
                /organism="unknown"
                /mol_type="unassigned DNA"

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2750 TGTGTGTGAAACAGACATG 2769
Db 20 TGTGTGTGAAACAGACATG 1

RESULT 482
AR212968/c     20 bp      DNA      linear      PAT 25-SEP-2002
LOCUS           Sequence 27 from patent US 6403307.
DEFINITION      AR212968
ACCESSION       AR212968
VERSION         AR212968.1 GI:23309853
KEYWORDS
SOURCE          Unknown.
ORGANISM        Unclassified.
REFERENCE       1 (bases 1 to 20)
AUTHORS        Stone,B.M., Sheffield,V.C., Alward,W.L.M. and Fingert,J.
TITLE          Glaucoma therapeutics and diagnostics
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JOURNAL Patent: US 6403307-A 27 11-JUN-2002;
FEATURES Location/Qualifiers
SOURCE 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1960 GGGTCTCTGAGTCAGCAG 1979
Db 20 GGGGACTCTGAGTCAGCAG 1

RESULT 483
AR213738 AR213738 20 bp DNA linear PAT 25-SEP-2002
LOCUS Sequence 83 from patent US 6406704.
DEFINITION AR213738
ACCESSION AR213738
VERSION AR213738.1 GI:23311025
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Tan, P., Visser, E., Prestidge, R. and Watson, J.D.
TITLES Compounds and methods for treatment and diagnosis of mycobacterial infections
JOURNAL Patent: US 6406704-A 83 18-JUN-2002;
FEATURES Location/Qualifiers
SOURCE 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 484
AR216079 AR216079 20 bp DNA linear PAT 25-SEP-2002
LOCUS Sequence 126 from patent US 6410518.
DEFINITION AR216079
ACCESSION AR216079
VERSION AR216079.1 GI:23314367
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Monta, B.P.
TITLES Antisense oligonucleotide inhibition of raf gene expression
JOURNAL Patent: US 6410518-A 126 25-JUN-2002;
FEATURES Location/Qualifiers
SOURCE 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5412 AAAAAAATTAAGAAATA 5431
Db 20 AAAAAAATTAAGAAACA 1

RESULT 485

AR222466 AR222466 20 bp DNA linear PAT 26-SEP-2002
LOCUS Sequence 26 from patent US 6428300.
DEFINITION AR222466
ACCESSION AR222466
VERSION AR222466.1 GI:23329997
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Kurtz, M., Lohse, P. and Wagner, R.
TITLES Peptide acceptor ligation methods
JOURNAL Patent: US 6429300-A 26 06-AUG-2002;
FEATURES Location/Qualifiers
SOURCE 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 486
AR236083 AR236083 20 bp DNA linear PAT 20-DEC-2002
LOCUS Sequence 1 from patent US 6462184.
DEFINITION AR236083
ACCESSION AR236083
VERSION AR236083.1 GI:27279782
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Manoharan, M. and Maier, M.A.
TITLES Compounds, processes and intermediates for synthesis of mixed backbone oligomeric compounds
JOURNAL Patent: US 6462184-A 1 08-OCT-2002;
FEATURES Location/Qualifiers
SOURCE 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAAAGAAA 5412
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 487
AR274394 AR274394 20 bp DNA linear PAT 10-APR-2003
LOCUS Sequence 55 from patent US 6506564.
DEFINITION AR274394
ACCESSION AR274394
VERSION AR274394.1 GI:29706840
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Mirkin, C.A., Letsinger, R.L., Mucic, R.C., Storchoff, J.J., Elghanian, R. and Taton, T.A.
TITLES Nanoparticles having oligonucleotides attached thereto and uses thereof
JOURNAL Patent: US 6506564-A 55 14-JAN-2003;
FEATURES Location/Qualifiers

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source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412
1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 488
AR313765 AR313765 20 bp DNA linear PAT 12-JUN-2003
LOCUS Sequence 4302 from patent US 6559294.
ACCESSION AR313765
VERSION AR313765.1 GI:31707191
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 (bases 1 to 20)
Griffals,R., Hoiseeth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
Sankaran,B. and Fletcher,L.D.
TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 4302 06-MAY-2003;
FEATURES
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2547 GGGCGTGTAAAGTATGAGG 2566
1 GGGGCTGTATTAGTTATGAGG 20

RESULT 489
AR314996 AR314996 20 bp DNA linear PAT 12-JUN-2003
LOCUS Sequence 5533 from patent US 6559294.
ACCESSION AR314996
VERSION AR314996.1 GI:31708422
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 (bases 1 to 20)
Griffals,R., Hoiseeth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
Sankaran,B. and Fletcher,L.D.
TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 5533 06-MAY-2003;
FEATURES
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2046 ATCAAAACAAGAGCTCTGGG 2065
1 ATCAAAACAAGAGCTCTGGG 1
20 ACCAAACAAGAGCTCTGGG 1

RESULT 490
AR343047 AR343047 20 bp DNA linear PAT 17-AUG-2003
LOCUS Sequence 10 from patent US 6576752.
ACCESSION AR343047
VERSION AR343047.1 GI:33738375
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 (bases 1 to 20)
Manoharan,M., Ionnberg,H., Salo,H. and Virta,P.
TITLE Aminoxy functionalized oligomers
JOURNAL Patent: US 6576752-A 10 10-JUN-2003;
FEATURES
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412
20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 491
AR344936 AR344936 20 bp DNA linear PAT 17-AUG-2003
LOCUS Sequence 55 from patent US 6582921.
ACCESSION AR344936
VERSION AR344936.1 GI:33741017
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 (bases 1 to 20)
Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storchoff,J.J.,
Elghanian,R. and Taton,T.A.
TITLE Nanoparticles having oligonucleotides attached thereto and uses thereof
JOURNAL Patent: US 6582921-A 55 24-JUN-2003;
FEATURES
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412
1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 492
AR365970 AR365970 20 bp DNA linear PAT 12-SEP-2003
LOCUS Sequence 83 from patent US 6328978.
ACCESSION AR365970
VERSION AR365970.1 GI:34598223
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 (bases 1 to 20)
Watson,J.D., Tan,P.L.J. and Prestidge,R.
TITLE Methods for the treatment of immunologically-mediated skin disorders
JOURNAL Patent: US 6328978-A 83 11-DEC-2001;
FEATURES
source 1..20
/organism="unknown"
/mol_type="genomic DNA"
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source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412
1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 488
AR313765 AR313765 20 bp DNA linear PAT 12-JUN-2003
LOCUS Sequence 4302 from patent US 6559294.
ACCESSION AR313765
VERSION AR313765.1 GI:31707191
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 (bases 1 to 20)
Griffals,R., Hoiseeth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
Sankaran,B. and Fletcher,L.D.
TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 4302 06-MAY-2003;
FEATURES
source 1..20
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/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2547 GGGCGTGTAAAGTATGAGG 2566
1 GGGGCTGTATTAGTTATGAGG 20

RESULT 489
AR314996 AR314996 20 bp DNA linear PAT 12-JUN-2003
LOCUS Sequence 5533 from patent US 6559294.
ACCESSION AR314996
VERSION AR314996.1 GI:31708422
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 (bases 1 to 20)
Griffals,R., Hoiseeth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
Sankaran,B. and Fletcher,L.D.
TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 5533 06-MAY-2003;
FEATURES
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2046 ATCAAAACAAGAGCTCTGGG 2065
1 ATCAAAACAAGAGCTCTGGG 1
20 ACCAAACAAGAGCTCTGGG 1

RESULT 490
AR343047 AR343047 20 bp DNA linear PAT 17-AUG-2003
LOCUS Sequence 10 from patent US 6576752.
ACCESSION AR343047
VERSION AR343047.1 GI:33738375
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 (bases 1 to 20)
Manoharan,M., Ionnberg,H., Salo,H. and Virta,P.
TITLE Aminoxy functionalized oligomers
JOURNAL Patent: US 6576752-A 10 10-JUN-2003;
FEATURES
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412
20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 491
AR344936 AR344936 20 bp DNA linear PAT 17-AUG-2003
LOCUS Sequence 55 from patent US 6582921.
ACCESSION AR344936
VERSION AR344936.1 GI:33741017
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 (bases 1 to 20)
Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storchoff,J.J.,
Elghanian,R. and Taton,T.A.
TITLE Nanoparticles having oligonucleotides attached thereto and uses thereof
JOURNAL Patent: US 6582921-A 55 24-JUN-2003;
FEATURES
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412
1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 492
AR365970 AR365970 20 bp DNA linear PAT 12-SEP-2003
LOCUS Sequence 83 from patent US 6328978.
ACCESSION AR365970
VERSION AR365970.1 GI:34598223
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 (bases 1 to 20)
Watson,J.D., Tan,P.L.J. and Prestidge,R.
TITLE Methods for the treatment of immunologically-mediated skin disorders
JOURNAL Patent: US 6328978-A 83 11-DEC-2001;
FEATURES
source 1..20
/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
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Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAGAAA 5412
1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 493
AR382312 20 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 55 from patent US 6610491.
ACCESSION AR382312
VERSION AR382312.1 GI:40090724
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 20)
AUTHORS Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storchoff,J.J.,
Elghanian,R. and Taton,T.A.
TITLE Nanoparticles having oligonucleotides attached thereto and uses
therefor
JOURNAL Patent: US 6610491-A 55 26-AUG-2003;
FEATURES Location/Qualifiers
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/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAGAAA 5412
1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 494
AR397487 20 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 90 from patent US 6617162.
ACCESSION AR397487
VERSION AR397487.1 GI:40134360
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 20)
AUTHORS Dobie,K.W. and Roach,M.P.
TITLE Antisense modulation of estrogen receptor alpha expression
JOURNAL Patent: US 6617162-A 90 09-SEP-2003;
FEATURES Location/Qualifiers
1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3639 AATTGCTGAGATTGCAGAG 3658
1 AACTGCTGAGATTACAGATG 20

RESULT 495
AR429653 20 bp DNA linear PAT 18-DEC-2003
LOCUS AR429653

DEFINITION Sequence 55 from patent US 6645721.
ACCESSION AR429653
VERSION AR429653.1 GI:40189949
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 20)
AUTHORS Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storchoff,J.J.,
Elghanian,R. and Taton,T.A.
TITLE Nanoparticles having oligonucleotides attached thereto and uses
therefor
JOURNAL Patent: US 6645721-A 55 11-NOV-2003;
FEATURES Location/Qualifiers
1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAGAAA 5412
1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 496
AR442609 20 bp DNA linear PAT 20-FEB-2004
LOCUS AR442609/c
DEFINITION Sequence 217 from patent US 6670130.
ACCESSION AR442609
VERSION AR442609.1 GI:42669866
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 20)
AUTHORS Kim,C.M., Park,H.K. and Jang,H.J.
TITLE Oligonucleotide for detection and identification of Mycobacteria
JOURNAL Patent: US 6670130-A 217 30-DEC-2003;
FEATURES Location/Qualifiers
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/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1036 GAGTCACCGACGCCCCAC 1055
20 GAGTCACCGACTCCACAC 1

RESULT 497
AR447441 20 bp DNA linear PAT 20-FEB-2004
LOCUS AR447441
DEFINITION Sequence 55 from patent US 6673548.
ACCESSION AR447441
VERSION AR447441.1 GI:42675765
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 20)
AUTHORS Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storchoff,J.J.,
Elghanian,R. and Taton,T.A.
TITLE Nanoparticles having oligonucleotides attached thereto and uses
therefor
JOURNAL Patent: US 6673548-A 55 06-JAN-2004;
FEATURES Location/Qualifiers
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Query Match
Best Local Similarity 0.3%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 498
AR451990 AR451990 20 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 55 from patent US 6677122.
ACCESSION AR451990
VERSION AR451990.1 GI:42683297
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
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source
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Query Match
Best Local Similarity 0.3%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 499
AR454776 AR454776 20 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 55 from patent US 6682895.
ACCESSION AR454776
VERSION AR454776.1 GI:42688297
KEYWORDS
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REFERENCE
AUTHORS
TITLE
JOURNAL
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source
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    /mol_type="genomic DNA"

Query Match
Best Local Similarity 0.3%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 501
AR492696 AR492696 20 bp DNA linear PAT 15-MAY-2004
DEFINITION Sequence 66 from patent US 6716975.
ACCESSION AR492696
VERSION AR492696.1 GI:47262210
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
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source
    /organism="unknown"
    /mol_type="genomic DNA"

Query Match
Best Local Similarity 0.3%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 502
AR492729 AR492729 20 bp DNA linear PAT 15-MAY-2004
DEFINITION Sequence 99 from patent US 6716975.
ACCESSION AR492729
VERSION AR492729.1 GI:47262243
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
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Query Match
Best Local Similarity 0.3%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 500
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AR489044 AR489044 20 bp DNA linear PAT 15-MAY-2004
LOCUS
DEFINITION Sequence 55 from patent US 6709825.
ACCESSION AR489044
VERSION AR489044.1 GI:47255475
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
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source
    /organism="unknown"
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Query Match
Best Local Similarity 0.3%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 501
AR492696 AR492696 20 bp DNA linear PAT 15-MAY-2004
DEFINITION Sequence 66 from patent US 6716975.
ACCESSION AR492696
VERSION AR492696.1 GI:47262210
KEYWORDS
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ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
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    /mol_type="genomic DNA"

Query Match
Best Local Similarity 0.3%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 502
AR492729 AR492729 20 bp DNA linear PAT 15-MAY-2004
DEFINITION Sequence 99 from patent US 6716975.
ACCESSION AR492729
VERSION AR492729.1 GI:47262243
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
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source
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Query Match
Best Local Similarity 0.3%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 500
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/organism="unknown"
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Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2217 ACCCCAGCTCAGACCTCT 2236
DB      20 ACCCCAGCTCTGATTACTCT 1

RESULT 503
LOCUS      AR494116      20 bp      DNA      linear      PAT 15-MAY-2004
DEFINITION      Sequence 55 from patent US 6720147.
ACCESSION      AR494116
VERSION      AR494116.1 GI:47266895
KEYWORDS
SOURCE      Unknown.
ORGANISM      Unknown.
REFERENCE      1 (bases 1 to 20)
AUTHORS      Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storchoff,J.J.,
              Elghanian,R. and Taton,T.A.
              Nanoparticles having oligonucleotides attached thereto and uses
              thereof
              Patent: US 6720147-A 55 13-APR-2004;
              Location/Qualifiers
                1..20
                /organism="unknown"
                /mol_type="genomic DNA"

JOURNAL
FEATURES
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Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAATCAAAAAAGAA 5412
DB      1 AAAAAAAAAAAAAAAAAA 20

RESULT 504
LOCUS      AR494728      20 bp      DNA      linear      PAT 15-MAY-2004
DEFINITION      Sequence 55 from patent US 6720411.
ACCESSION      AR494728
VERSION      AR494728.1 GI:47269581
KEYWORDS
SOURCE      Unknown.
ORGANISM      Unknown.
REFERENCE      1 (bases 1 to 20)
AUTHORS      Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storchoff,J.J.,
              Elghanian,R. and Taton,T.A.
              Nanoparticles having oligonucleotides attached thereto and uses
              thereof
              Patent: US 6720411-A 55 13-APR-2004;
              Location/Qualifiers
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                /mol_type="genomic DNA"

JOURNAL
FEATURES
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Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAATCAAAAAAGAA 5412
DB      1 AAAAAAAAAAAAAAAAAA 20

RESULT 505
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AX004876/c
LOCUS      AX004876      20 bp      DNA      linear      PAT 24-AUG-2000
DEFINITION      Sequence 5 from Patent WO9910527.
ACCESSION      AX004876
VERSION      AX004876.1 GI:9928276
KEYWORDS
SOURCE      synthetic construct
ORGANISM      synthetic construct
REFERENCE      1
AUTHORS      Bayer,E. and Schewitz,J.
              Method for isolating anionic organic substances from aqueous
              systems using cationic polymer nanoparticles
              Patent: WO 9910527-A 5 04-MAR-1999;
              SUBDEUTSCHE KALKSTICKSTOFF (DE); BAYER ERNST (DE)
              Location/Qualifiers
                1..20
                /organism="synthetic construct"
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                /db_xref="taxon:32630"
                /note="phosphorothioate oligonucleotide"

JOURNAL
FEATURES
  source

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAATCAAAAAAGAA 5412
DB      20 AAAAAAAAAAAAAAAAAA 1

RESULT 506
LOCUS      AX026213/c      20 bp      DNA      linear      PAT 16-SEP-2000
DEFINITION      Sequence 6 from Patent WO0037607.
ACCESSION      AX026213
VERSION      AX026213.1 GI:10187623
KEYWORDS
SOURCE      synthetic construct
ORGANISM      synthetic construct
REFERENCE      1
AUTHORS      Gros,J., Stroberg,A.D. and Gerhardt,C.
              Method for producing adipocytes from non-differentiated fibroblasts
              and use of resulting adipocytes
              Patent: WO 0037607-A 6 29-JUN-2000;
              GROS JEROME (FR) ; CENTRE NAT RECH SCIENT (FR) ; STROBERG ARTHUR
              DONNY (FR) ; GERHARDT CINDERELLA (NL)
              Location/Qualifiers
                1..20
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                /mol_type="unassigned DNA"
                /db_xref="taxon:32630"
                /note="amorce"

JOURNAL
FEATURES
  source

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1262 GCCTACAGCCCAACACAC 1281
DB      20 GCCTACAGCTTCACACACAC 1

RESULT 507
LOCUS      AX045779/c      20 bp      DNA      linear      PAT 24-NOV-2000
DEFINITION      Sequence 9 from Patent WO0067023.
ACCESSION      AX045779
VERSION      AX045779.1 GI:11344146
KEYWORDS
SOURCE      synthetic construct
ORGANISM      synthetic construct
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artificial sequences.

REFERENCE 1
AUTHORS Noll,B.O., Schetter,C. and Krieg,A.M.
TITLE Screening for immunostimulatory dna functional modifiers
JOURNAL Patent: WO 0067023-A 9 09-NOV-2000;
CPG Immunopharmaceuticals GmbH (DE) ; UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)

FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic oligonucleotide"
misc_feature 1
/note="modified with digoxigenin"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412
Db 20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 508
AX045787/c 20 bp DNA linear PAT 24-NOV-2000
LOCUS Sequence 17 from Patent WO0067023.
DEFINITION AX045787
ACCESSION AX045787
VERSION AX045787.1 GI:11344154
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Noll,B.O., Schetter,C. and Krieg,A.M.
TITLE Screening for immunostimulatory dna functional modifiers
JOURNAL Patent: WO 0067023-A 17 09-NOV-2000;
CPG Immunopharmaceuticals GmbH (DE) ; UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)

FEATURES
source Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic oligonucleotide"
1..20
/note="phosphorothioate backbone"
misc_feature 1
/note="modified with digoxigenin"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412
Db 20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 509
AX045790/c 20 bp DNA linear PAT 24-NOV-2000
LOCUS Sequence 20 from Patent WO0067023.
DEFINITION AX045790
ACCESSION AX045790
VERSION AX045790.1 GI:11344157
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Noll,B.O., Schetter,C. and Krieg,A.M.

TITLE Screening for immunostimulatory dna functional modifiers
JOURNAL Patent: WO 0067023-A 20 09-NOV-2000;
CPG Immunopharmaceuticals GmbH (DE) ; UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)

FEATURES
source Location/Qualifiers
1..20
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/db_xref="taxon:32630"
/note="synthetic oligonucleotide"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412
Db 20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 510
AX104034/c 20 bp DNA linear PAT 30-APR-2001
LOCUS Sequence 226 from Patent WO0122972.
DEFINITION AX104034
ACCESSION AX104034
VERSION AX104034.1 GI:13920231
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Krieg,A.M., Schetter,C. and Vollmer,J.C.
TITLE Immunostimulatory nucleic acids
JOURNAL Patent: WO 0122972-A 226 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical GmbH (DE)

FEATURES
source Location/Qualifiers
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412
Db 20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 511
AX104364/c 20 bp DNA linear PAT 30-APR-2001
LOCUS Sequence 556 from Patent WO0122972.
DEFINITION AX104364
ACCESSION AX104364
VERSION AX104364.1 GI:13920561
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Krieg,A.M., Schetter,C. and Vollmer,J.C.
TITLE Immunostimulatory nucleic acids
JOURNAL Patent: WO 0122972-A 556 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical GmbH (DE)

FEATURES
source Location/Qualifiers
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/organism="synthetic construct"
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Query Match 0.3%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 5.3e+02;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAA 5412
 DB 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 512

AX104368 AX104368 20 bp DNA linear PAT 30-APR-2001
 DEFINITION Sequence 560 from Patent WO0122972.
 AX104368 AX104368
 VERSION AX104368.1 GI:13920565

KEYWORDS
 SOURCE
 ORGANISM
 REFERENCE

1 Kriegl, A.M., Schetter, C. and Vollmer, J.C.
 IMMUNOSTIMULATORY NUCLEIC ACIDS
 PATENT: WO 0122972-A 560 05-APR-2001;
 UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
 GmbH (DE)

FEATURES
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 /db_xref="taxon:32630"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 5.3e+02;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAAA 5412
 DB 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 513
 AX104580 AX104580 20 bp DNA linear PAT 30-APR-2001
 DEFINITION Sequence 772 from Patent WO0122972.
 AX104580 AX104580
 VERSION AX104580.1 GI:13920777

KEYWORDS
 SOURCE
 ORGANISM
 REFERENCE

1 Kriegl, A.M., Schetter, C. and Vollmer, J.C.
 IMMUNOSTIMULATORY NUCLEIC ACIDS
 PATENT: WO 0122972-A 772 05-APR-2001;
 UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
 GmbH (DE)

FEATURES
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Query Match 0.3%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 5.3e+02;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5129 AGGAATAGGAGGAGCATGGA 5148
 DB 20 AGGATCGAGGAGCATGGA 1

RESULT 514
 AX115662

LOCUS AX115662 20 bp DNA linear PAT 11-MAY-2001
 DEFINITION Sequence 785 from Patent WO0129262.
 AX115662 AX115662
 VERSION AX115662.1 GI:14032604

KEYWORDS
 SOURCE
 ORGANISM
 REFERENCE

1 Picoult-Newburg, L. and Pohl, M.
 GENOTYPING REAGENTS, KITS AND METHODS OF USE THEREOF
 PATENT: WO 0129262-A 785 26-APR-2001;
 Orchid Biosciences, Inc. (US)

FEATURES
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 Location/Qualifiers
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 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="Primer"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 5.3e+02;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 284 AGCTGACTCTTCAGTGTTC 303
 DB 1 AGCTGCTTCTTGCTGTTC 20

RESULT 515
 AX135957 AX135957 20 bp DNA linear PAT 29-MAY-2001
 DEFINITION Sequence 9 from Patent WO0132693.
 AX135957 AX135957
 VERSION AX135957.1 GI:14272164

KEYWORDS
 SOURCE
 ORGANISM
 REFERENCE

1 Prawitt, D., Pelletier, J. and Zabel, B.
 TRY-PROTEIN-RELATED MULTI-PROTEIN AND DNA SEQUENCE CODING THEREFOR
 PATENT: WO 0132693-A 9 10-MAY-2001;
 Johannes Gutenberg-Universitaet Mainz (DE)

FEATURES
 source 1.20
 Location/Qualifiers
 1.20
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="Primer"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 5.3e+02;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4585 GTCTTGACAACTGCATGG 4604
 DB 20 GCCTTGACATCTGCATGG 1

RESULT 516
 AX136903 AX136903 20 bp DNA linear PAT 30-MAY-2001
 DEFINITION Sequence 5 from Patent EP1065278.
 AX136903 AX136903
 VERSION AX136903.1 GI:14273252

KEYWORDS
 SOURCE
 ORGANISM
 REFERENCE

1 Makino, Y., Abe, Y., Ogawa, M., Takagi, M., Takenaka, S. and
 Yamashita, K.

TITLE Detection of partly complementary nucleic acid fragment
JOURNAL Patent: EP 1065278-A 5 03-JAN-2001;
FUJI PHOTO FILM CO., LTD. (JP)
FEATURES
source 1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="sample nucleic acid fragment"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAATACAAAAAGAAA 5412
|||||
20 AAAAAAAAAATAAAAAAAAA 1

RESULT 517
AX167868 20 bp DNA linear PAT 03-JUL-2001
LOCUS AX167868
DEFINITION Sequence 52 from Patent WO0142307.
ACCESSION AX167868
VERSION AX167868.1 GI:14597188
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE
AUTHORS Saito,K., Ohe,N. and Satoh,H.
TITLE Mutant er_g(a) and test systems for transactivation
JOURNAL Patent: WO 0142307-A 52 14-JUN-2001;
Sumitomo Chemical Company, Limited (JP)
FEATURES
source 1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Designed oligonucleotide primer for PCR"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2320 ATCATCTCCACCTCTTGAA 2339
|||||
1 ATCAGTCCACCTCTTGAA 20

RESULT 518
AX196224 20 bp DNA linear PAT 28-AUG-2001
LOCUS AX196224
DEFINITION Sequence 55 from Patent WO0151665.
ACCESSION AX196224
VERSION AX196224.1 GI:15386427
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE
AUTHORS Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storchoff,J.J.,
Elghanian,R., Taton,T.A. and Li,Z.
TITLE Nanoparticles having oligonucleotides attached thereto and uses
therefor
JOURNAL Patent: WO 0151665-A 55 19-JUL-2001;
Nanosphere, Inc. (US)
FEATURES
source 1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="random synthetic sequence"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAATACAAAAAGAAA 5412
|||||
1 AAAAAAAAAAAAAAAAAA 20

RESULT 519
AX196239 20 bp DNA linear PAT 28-AUG-2001
LOCUS AX196239
DEFINITION Sequence 70 from Patent WO0151665.
ACCESSION AX196239
VERSION AX196239.1 GI:15386442
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE
AUTHORS Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storchoff,J.J.,
Elghanian,R., Taton,T.A. and Li,Z.
TITLE Nanoparticles having oligonucleotides attached thereto and uses
therefor
JOURNAL Patent: WO 0151665-A 70 19-JUL-2001;
Nanosphere, Inc. (US)
FEATURES
source 1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="random synthetic sequence"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAATACAAAAAGAAA 5412
|||||
1 AAAAAAAAAAAAAAAAAA 20

RESULT 520
AX296080 20 bp DNA linear PAT 21-NOV-2001
LOCUS AX296080/C
DEFINITION Sequence 7842 from Patent WO0179548.
ACCESSION AX296080
VERSION AX296080.1 GI:17057769
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE
AUTHORS Barany,F., Zivvi,M., Gerry,N.P., Favis,R. and Kliman,R.
TITLE Method of designing addressable array for detection of nucleic acid
sequence differences using ligase detection reaction
JOURNAL Patent: WO 0179548-A 7842 25-OCT-2001;
CORNELL RESEARCH FOUNDATION, INC. (US)
FEATURES
source 1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3392 GGCTGACGACGACACTCTG 3411
|||||
20 GGCTGATCCAGCAGGCTG 1

LOCUS	AX354974	20 bp	DNA	linear	PAT 06-FEB-2002
DEFINITION	Sequence 2 from Patent WO0197843.				
ACCESSION	AX354974				
VERSION	AX354974.1				
KEYWORDS	GI:18619641				
SOURCE	synthetic construct				
ORGANISM	artificial sequences.				
REFERENCE	1 Weiner,G. and Hartmann,G.				
AUTHORS	Methods for enhancing antibody-induced cell lysis and treating cancer				
TITLE	Patent: WO 0197843-A 2 27-DEC-2001;				
JOURNAL	UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)				
FEATURES	Location/Qualifiers				
Source	1..20				
	/organism="synthetic construct"				
	/mol type="unassigned DNA"				
	/db xref="taxon:32630"				
	/note="Synthetic oligonucleotide-phosphodiester backbone"				
Query Match	0.3%; Score 15.2; DB 1; Length 20;				
Best Local Similarity	85.0%; Pred. No. 5.3e+02;				
Matches 17, Conservative 0; Mismatches 3; Indels 0; Gaps 0;					
OY	5393	AAAAAAAAATACAAAAGAAA	5412		
Db	1	AAAAAAAAAAAAAAAAAAAA	20		
RESULT 522					
LOCUS	AX355573/c	20 bp	DNA	linear	PAT 06-FEB-2002
DEFINITION	Sequence 601 from Patent WO0197843.				
ACCESSION	AX355573				
VERSION	AX355573.1				
KEYWORDS	GI:18620241				
SOURCE	synthetic construct				
ORGANISM	artificial sequences.				
REFERENCE	1 Weiner,G. and Hartmann,G.				
AUTHORS	Methods for enhancing antibody-induced cell lysis and treating cancer				
TITLE	Patent: WO 0197843-A 601 27-DEC-2001;				
JOURNAL	UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)				
FEATURES	Location/Qualifiers				
Source	1..20				
	/organism="synthetic construct"				
	/mol type="unassigned DNA"				
	/db xref="taxon:32630"				
	/note="Synthetic oligonucleotide-phosphodiester backbone"				
Query Match	0.3%; Score 15.2; DB 1; Length 20;				
Best Local Similarity	85.0%; Pred. No. 5.3e+02;				
Matches 17, Conservative 0; Mismatches 3; Indels 0; Gaps 0;					
OY	5129	AGGAATAGAGGACATGGA	5148		
Db	20	AGGATCAGAGCGACATGGA	1		
RESULT 523					
LOCUS	AX355810/c	20 bp	DNA	linear	PAT 06-FEB-2002
DEFINITION	Sequence 838 from Patent WO0197843.				
ACCESSION	AX355810				
VERSION	AX355810.1				
KEYWORDS	GI:18620478				

SOURCE	synthetic construct
ORGANISM	synthetic construct
TITLE	artificial sequences.
REFERENCE	1 Weiner,G. and Hartmann,G. Methods for enhancing antibody-induced cell lysis and treating cancer
JOURNAL	Patent: WO 0197843-A 838 27-DEC-2001; UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
FEATURES	Location/Qualifiers 1..20 /organism="synthetic construct" /mol_type="unassigned DNA" /db_xref="taxon:32630" /note="Synthetic oligonucleotide-phosphorothioate backbone"
Query Match	0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity	85.0%; Pred. No. 5.3e+02;
Matches	17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Oy	5393 AAAAAATACAAAAGAA 5412 20 AAAAAAAAAAAAAAAAAA 1
Db	20 AAAAAAAAAAAAAAAAAA 1
RESULT 524	
AX355811/c	20 bp DNA linear PAT 06-FEB-2002
LOCUS	AX355811
DEFINITION	Sequence 839 from Patent WO0197843.
ACCESSION	AX355811
VERSION	AX355811.1 GI:18620479
KEYWORDS	. synthetic construct synthetic construct artificial sequences.
SOURCE	
ORGANISM	
REFERENCE	1 Weiner,G. and Hartmann,G. Methods for enhancing antibody-induced cell lysis and treating cancer
AUTHORS	Patent: WO 0197843-A 839 27-DEC-2001; UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
TITLE	Location/Qualifiers 1..20 /organism="synthetic construct" /mol_type="unassigned DNA" /db_xref="taxon:32630" /note="Synthetic oligonucleotide-phosphodiester backbone"
FEATURES	
source	
Query Match	0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity	85.0%; Pred. No. 5.3e+02;
Matches	17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Oy	5393 AAAAAATACAAAAGAA 5412 20 AAAAAAAAAAAAAAAAAA 1
Db	20 AAAAAAAAAAAAAAAAAA 1
RESULT 525	
AX440125	20 bp DNA linear PAT 28-JUN-2002
LOCUS	AX440125
DEFINITION	Sequence 55 from Patent WO0173123.
ACCESSION	AX440125
VERSION	AX440125.1 GI:21664936
KEYWORDS	. synthetic construct synthetic construct artificial sequences.
SOURCE	
ORGANISM	
REFERENCE	1 Mitkin,C.A., Letsinger,R.L., Mucic,R.C., Storchoff,J.J., Eigenthaler,R., Taton,T.A., Park,S.J. and Li,Z. Nanoparticles having oligonucleotides attached thereto and uses therefor
AUTHORS	
TITLE	

JOURNAL Patent: WO 0173123-A 55 04-OCT-2001;
Nanosphere, Inc. (US)
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="random synthetic sequence"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 526
AX440140 20 bp DNA linear PAT 28-JUN-2002
LOCUS Sequence 70 from Patent WO0173123.
DEFINITION AX440140
ACCESSION AX440140.1 GI:21664951
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
Nanosphere, Inc. (US)
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="random synthetic sequence"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 527
AX465311 20 bp DNA linear PAT 16-JUL-2002
LOCUS Sequence 55 from Patent WO0218643.
DEFINITION AX465311
ACCESSION AX465311.1 GI:21899674
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
Nanosphere, Inc. (US)
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 528
AX465326 20 bp DNA linear PAT 16-JUL-2002
LOCUS Sequence 70 from Patent WO0218643.
DEFINITION AX465326
ACCESSION AX465326.1 GI:21899689
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
Nanosphere, Inc. (US)
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="random synthetic sequence"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 529
AX487450 20 bp DNA linear PAT 16-AUG-2002
LOCUS Sequence 4750 from Patent WO02053728.
DEFINITION AX487450
ACCESSION AX487450.1 GI:22321598
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
Candida albicans
Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes;
Saccharomycetales; mltosporitic Saccharomycetales; Candida.
Roemer,T., Jiang,B., Boone,C., Bussey,H. and Olsen,K.L.
Gene disruption methodologies for drug target discovery
Patent: WO 02053728-A 4750 11-JUL-2002;
Elitira Pharmaceuticals, Inc. (US)
FEATURES Location/Qualifiers
source 1..20
/organism="Candida albicans"
/mol_type="unassigned DNA"
/db_xref="taxon:5476"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5070 TCATCTGGTGGCCACAGCAG 5089
Db 1 TCTTCTGGTGGCCATTGCG 20

/note="random synthetic sequence"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 528
AX465326 20 bp DNA linear PAT 16-JUL-2002
LOCUS Sequence 70 from Patent WO0218643.
DEFINITION AX465326
ACCESSION AX465326.1 GI:21899689
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
Nanosphere, Inc. (US)
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="random synthetic sequence"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 529
AX487450 20 bp DNA linear PAT 16-AUG-2002
LOCUS Sequence 4750 from Patent WO02053728.
DEFINITION AX487450
ACCESSION AX487450.1 GI:22321598
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
Candida albicans
Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes;
Saccharomycetales; mltosporitic Saccharomycetales; Candida.
Roemer,T., Jiang,B., Boone,C., Bussey,H. and Olsen,K.L.
Gene disruption methodologies for drug target discovery
Patent: WO 02053728-A 4750 11-JUL-2002;
Elitira Pharmaceuticals, Inc. (US)
FEATURES Location/Qualifiers
source 1..20
/organism="Candida albicans"
/mol_type="unassigned DNA"
/db_xref="taxon:5476"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5070 TCATCTGGTGGCCACAGCAG 5089
Db 1 TCTTCTGGTGGCCATTGCG 20

RESULT 530
AX512820
LOCUS AX512820 20 bp DNA linear PAT 03-OCT-2002
DEFINITION Sequence 18 from Patent EP1233073.
ACCESSION AX512820
VERSION AX512820.1 GI:23504006
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Yokoyama, A. and Ishiguro, T.
TITLES Oligonucleotide for detecting salmonella and method of detecting
JOURNAL salmonella
Patent: EP 1233073-A 18 21-AUG-2002;
Tosoh Corporation (JP)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide capable of binding specifically to
Salmonella toxin gene stn mRNA"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2122 ATGAAGCGGAGGAGAAACT 2141
Db 1 ATGACCGTAAAGAAAGCT 20

RESULT 531
AX527802/c
LOCUS AX527802 20 bp DNA linear PAT 21-NOV-2002
DEFINITION Sequence 56 from Patent WO0230974.
ACCESSION AX527802
VERSION AX527802.1 GI:25172306
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Grose, W.M., Alsobrook, J.P., Lepley, D.M., Burgess, C.E., Mishra, V.,
Kekuda, R., Li, L., Padigaru, M., Shinkets, R.A., Zehusen, B.D.,
Spytek, K.A., Edinger, S., Gerlach, V., Macdougall, J., Stone, D.,
Gunther, B. and Ellerman, K.
TITLES Proteins and nucleic acids encoding same
JOURNAL Patent: WO 0230974-A 56 18-APR-2002;
Curegen Corporation (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide primer"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4816 ATCAACACGACCCCTTGACC 4835
Db 20 ATGAAACAAAGCCCTTGACC 1

RESULT 532
AX547087/c
LOCUS AX547087 20 bp DNA linear PAT 01-MAR-2003
DEFINITION Sequence 226 from Patent WO02053141.

ACCESSION AX547087
VERSION AX547087.1 GI:25812231
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Bratzler, R.L.
TITLES Inhibition of angiogenesis by nucleic acids
JOURNAL Patent: WO 02053141-A 226 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Sequence"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAA 5412
Db 20 AAAAAAAGAAAAA 1

RESULT 533
AX547417/c
LOCUS AX547417 20 bp DNA linear PAT 01-MAR-2003
DEFINITION Sequence 556 from Patent WO02053141.
ACCESSION AX547417
VERSION AX547417.1 GI:25812561
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Bratzler, R.L.
TITLES Inhibition of angiogenesis by nucleic acids
JOURNAL Patent: WO 02053141-A 556 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Sequence"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAA 5412
Db 20 AAAAAAAGAAAAA 1

RESULT 534
AX547421
LOCUS AX547421 20 bp DNA linear PAT 01-MAR-2003
DEFINITION Sequence 560 from Patent WO02053141.
ACCESSION AX547421
VERSION AX547421.1 GI:25812565
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Bratzler, R.L.
TITLES Inhibition of angiogenesis by nucleic acids
JOURNAL Patent: WO 02053141-A 560 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)

FEATURES
source
Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Sequence"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAGAA 5412
|||||
1 AAAAAAAAAAAAAAAAAAAAA 20

RESULT 535
AX547633/c
LOCUS AX547633 20 bp DNA linear PAT 01-MAR-2003
DEFINITION Sequence 772 from Patent WO02053141.
ACCESSION AX547633
VERSION AX547633.1 GI:25812777
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Bratzler,R.L.
TITLE Inhibition of angiogenesis by nucleic acids
JOURNAL Patent: WO 02053141-A 772 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
LOCATION/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Sequence"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5129 AGCAATGAGGACATGGA 5148
|||||
20 AGGATCAGGAGCGACATGGA 1

RESULT 536
AX556124
LOCUS AX556124 20 bp DNA linear PAT 27-NOV-2002
DEFINITION Sequence 55 from Patent WO0246472.
ACCESSION AX556124
VERSION AX556124.1 GI:25899506
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storchoff,J.J.,
Elghanian,R., Taton,T.A., Garimella,V., Li,Z. and Park,S.J.
TITLE Nanoparticles having oligonucleotides attached thereto and uses
JOURNAL Patent: WO 0246472-A 55 13-JUN-2002;
Nanosphere, Inc. (US)
LOCATION/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="random synthetic sequence"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAGAA 5412
|||||
1 AAAAAAAAAAAAAAAAAAAAA 20

RESULT 537
AX556139
LOCUS AX556139 20 bp DNA linear PAT 27-NOV-2002
DEFINITION Sequence 70 from Patent WO0246472.
ACCESSION AX556139
VERSION AX556139.1 GI:25899521
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storchoff,J.J.,
Elghanian,R., Taton,T.A., Garimella,V., Li,Z. and Park,S.J.
TITLE Nanoparticles having oligonucleotides attached thereto and uses
JOURNAL Patent: WO 0246472-A 70 13-JUN-2002;
Nanosphere, Inc. (US)
LOCATION/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="random synthetic sequence"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAGAA 5412
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1 AAAAAAAAAAAAAAAAAAAAA 20

RESULT 538
AX557099/c
LOCUS AX557099 20 bp DNA linear PAT 27-NOV-2002
DEFINITION Sequence 15 from Patent WO02059278.
ACCESSION AX557099
VERSION AX557099.1 GI:25900152
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1
AUTHORS Lumelsky,N.L., Blondel,O., mc Kay,R.D. and Kim,J.H.
TITLE Differentiation of stem cells to pancreatic endocrine cells
JOURNAL Patent: WO 02059278-A 15 01-AUG-2002;
THE DEPARTMENT OF HEALTH & HUMAN SERVICES (US)
LOCATION/Qualifiers
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/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
/note="Cardoxypeptidase A"

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2523 GGCATCAACACACGTTTC 2542
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20 GGCATCAACACACATTTGC 1

RESULT 539
AX613434

LOCUS AX613434 20 bp DNA PAT 17-FEB-2003
DEFINITION Sequence 4459 from Patent WO02072882.
ACCESSION AX613434
VERSION AX613434.1 GI:28408863
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Cullen, P. and Seedorf, U.
AUTHORS Coronary chip
TITLE Patent: WO 02072882-A 4459 19-SEP-2002;
JOURNAL OGHAM GmbH (DE)
FEATURES
source Location/Qualifiers
1..20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5393 AAAAAATACAAAAAGAA 5412
Db 1 AAAAAATACAAAAAGAA 20
RESULT 540
AX664307 20 bp DNA PAT 22-MAR-2003
LOCUS AX664307
DEFINITION Sequence 5 from Patent WO0246398.
ACCESSION AX664307
VERSION AX664307.1 GI:29164237
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 Willson, R.C. and Murphy, J.C.
AUTHORS Nucleic acid separation using immobilized metal affinity
chromatography
TITLE Patent: WO 0246398-A 5 13-JUN-2002;
JOURNAL The University of Houston System (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Oligonucleotide Sequence"
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5393 AAAAAATACAAAAAGAA 5412
Db 1 AAAAAATACAAAAAGAA 20
RESULT 541
AX664308 20 bp DNA PAT 22-MAR-2003
LOCUS AX664308/c
DEFINITION Sequence 6 from Patent WO0246398.
ACCESSION AX664308
VERSION AX664308.1 GI:29164238
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 Willson, R.C. and Murphy, J.C.
AUTHORS

TITLE Nucleic acid separation using immobilized metal affinity
JOURNAL chromatography
The University of Houston System (US)
DEFINITION Patent: WO 0246398-A 6 13-JUN-2002;
ACCESSION AX741040
VERSION AX741040.1 GI:30523901
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 Kirszen, N.V., Hyldig-Nielsen, J.J. and Williams, B.F.
AUTHORS Methods, kits and compositions pertaining to the suppression of
detectable probe binding to randomly distributed repeat sequences
in genomic nucleic acid
TITLE Patent: WO 03027328-A 14 03-APR-2003;
JOURNAL Boston Probes, Inc. (US) ; DakoCytomation Denmark A/S (DK)
FEATURES
source Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Description of Combined DNA/RNA molecule:Synthetic
Oligomer Sequence--Synthetic Probe Sequence"
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5393 AAAAAATACAAAAAGAA 5412
Db 20 AAAAAATACAAAAAGAA 1
RESULT 542
AX741040 20 bp DNA PAT 10-MAY-2003
LOCUS AX741040/c
DEFINITION Sequence 14 from Patent WO03027328.
ACCESSION AX741040
VERSION AX741040.1 GI:30523901
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 Kirszen, N.V., Hyldig-Nielsen, J.J. and Williams, B.F.
AUTHORS Methods, kits and compositions pertaining to the suppression of
detectable probe binding to randomly distributed repeat sequences
in genomic nucleic acid
TITLE Patent: WO 03027328-A 14 03-APR-2003;
JOURNAL Boston Probes, Inc. (US) ; DakoCytomation Denmark A/S (DK)
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source Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Description of Combined DNA/RNA molecule:Synthetic
Oligomer Sequence--Synthetic Probe Sequence"
Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5393 AAAAAATACAAAAAGAA 5412
Db 20 AAAAAATACAAAAAGAA 1
RESULT 543
AX741052 20 bp DNA PAT 10-MAY-2003
LOCUS AX741052
DEFINITION Sequence 26 from Patent WO03027328.
ACCESSION AX741052
VERSION AX741052.1 GI:30523913
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 Kirszen, N.V., Hyldig-Nielsen, J.J. and Williams, B.F.
AUTHORS Methods, kits and compositions pertaining to the suppression of
detectable probe binding to randomly distributed repeat sequences
in genomic nucleic acid
TITLE Patent: WO 03027328-A 26 03-APR-2003;
JOURNAL Boston Probes, Inc. (US) ; DakoCytomation Denmark A/S (DK)
FEATURES
source Location/Qualifiers
1..20

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/organism="synthetic construct"
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/db_xref="taxon:32630"
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Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAA 20

RESULT 544
AX812131/c 20 bp DNA linear PAT 02-DEC-2003
LOCUS AX812131
DEFINITION Sequence 19 from Patent WO03062405.
ACCESSION AX812131
VERSION AX812131.1 GI:38635767
KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.
REFERENCE
1 Inoue,K., Kim,D., Gu,Y. and Ishii,M.
AUTHORS Method for inducing differentiation of embryonic stem cells into
TITLE functional cells
JOURNAL Patent: WO 03062405-A 19 31-JUL-2003;
FEATURES
source
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide Primer"

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2523 GGCATCAACCAACGTTCC 2542
Db 20 GGCATCAACCAACATTTGC 1

RESULT 545
BD008523 20 bp DNA linear PAT 31-JAN-2002
LOCUS BD008523
DEFINITION Compounds and methods for treatment and diagnosis of Mycobacterial
infections.
ACCESSION BD008523
VERSION BD008523.1 GI:18636896
KEYWORDS JP 2001503969-A/26.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Tan,P., HiYama,J., Visser,E.S., Skinner,M.A., Scott,L.M. and
PRESTIDGE,R.L.
TITLE Compounds and methods for treatment and diagnosis of Mycobacterial
infections
JOURNAL Patent: JP 2001503969-A 26 27-MAR-2001;
COMMENT GENESIS RESEARCH & DEVELOPMENT CO LTD
OS unidentified
PN JP 2001503969-A/26
PD 27-MAR-2001
PF 28-AUG-1997 JP 1998511516
PR PI PAUL TAN, JUN HIYAMA, ELIZABETH S VISSER, MARGOT A SKINNER, PI
LINNA M SCOTT,
PI ROSS L PRESTIDGE

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PC A61K39/04,A61K35/74,C07K14/35,C12N15/63
CC Strandedness: Single;
CC Topology: Linear;
FH Key location/Qualifiers
FT source 1..20
FT /organism='unidentified'.

FEATURES
source
1..20
location/Qualifiers
/organism="unidentified"
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/db_xref="taxon:32644"

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAGAAA 5412
Db 1 AAAAAAAAAAAAAAAAAA 20

RESULT 546
BD080522/c 20 bp RNA linear PAT 27-AUG-2002
LOCUS BD080522
DEFINITION Ribonucleoside-derivative and method for preparing the same.
ACCESSION BD080522
VERSION BD080522.1 GI:22626125
KEYWORDS JP 2001515087-A/1.
SOURCE
ORGANISM
synthetic construct
artificial sequences.
REFERENCE
1 (bases 1 to 20)
AUTHORS Pletsch,S., Weis,P.A. and Jenny,L.
TITLE Ribonucleoside-derivative and method for preparing the same
JOURNAL Patent: JP 2001515087-A 1 18-SEP-2001;
COMMENT STERN PITSCHE,PATRICK A WEISS,LUZI JENNY
OS Artificial Sequence
PN JP 2001515087-A/1
PD 18-SEP-2001
PF 17-AUG-1998 JP 2000509723
PR 18-AUG-1997 CH 1931/97
PI STERN PITSCHE,PATRICK A WEISS,LUZI JENNY
PC C07H19/06,C07F7/18,C07H19/16,C07H21/02,C07H23/00 CC
Description of Artificial Sequence:synthetic polynucleotide FH
Key location/Qualifiers
FT source 1..20
FT /organism='Artificial Sequence'.

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/mol_type="genomic RNA"
/db_xref="taxon:32630"

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAGAAA 5412
Db 20 AAAAAAAAAAAAAAAAAA 1

RESULT 547
BD107450/c 20 bp DNA linear PAT 18-SEP-2002
LOCUS BD107450
DEFINITION Method of detecting single base polymorphism.
ACCESSION BD107450
VERSION BD107450.1 GI:23202268
KEYWORDS JP 2002034599-A/9.
SOURCE
ORGANISM
synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 20)

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AUTHORS Segawa,M., Takarada,H., Aono,T. and Yoshiga,S.
TITLE Method of detecting single base polymorphism
JOURNAL Patent: JP 2002034599-A 9 05-FEB-2002;
TOYOBO CO LTD
COMMENT OS Artificial Sequence
PN JP 2002034599-A/9
PD 05-FEB-2002
PF 26-JUN-2000 JP 2000225354
PI MAHAYA SEGAWA,HIROSHI TAKARADA,TOSHIYA AONO,SATOKO YOSHIGA PC
C12Q1/68,C12N15/09,C12N15/00
CC Description of Artificial Sequence:primer
FH Key Location/Qualifiers
FT source 1..20
Location/Qualifiers
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Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412
DB 20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 548
LOCUS BD128052 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Primer for synthesizing full-length cDNA and use thereof.
ACCESSION BD128052
VERSION BD128052.1 GI:23222997
KEYWORDS JP 2002017375-A/3483.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
Ota,T., Nishikawa,T., Isogai,T., Hayaashi,K., Ishii,S., Kawai,Y.,
Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and
Koga,H.
TITLE Primer for synthesizing full-length cDNA and use thereof
JOURNAL Patent: JP 2002017375-A 3483 22-JAN-2002;
HELIX RESEARCH INSTITUTE
COMMENT OS Unidentified
PN JP 2002017375-A/3483
PD 22-JAN-2002
PF 07-JUL-2000 JP 2000253172
PI TOSHIO OTA,TETSUO NISHIKAWA,TAKAO ISOGAI,KOJI HAYASHI,SHIZUKO
PI ISHII,
PI YURI KAWAI,AI WAKAMATSU,TOMOYASU SUGIYAMA,KEIICHI NAGAI, PI
SHINICHI KOJIMA,
PI TETSUJI OTSUKI,HISASHI KOGA
PC C12N15/09,C07K14/47,C07K16/18,C12N1/15,C12N1/19,C12N1/21,C12N5/ PC
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C12P21/02,C12Q1/68//C12P21/08,G06F17/30,C12N15/00,C12N5/00 CC
Description of Artificial Sequence: an artificially CC
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CC sequence
FH Key Location/Qualifiers
FT source 1..20
Location/Qualifiers
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Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3593 TTGCTCAGGCTAATCTCAAA 3612
DB 1 TTGCCCGAGGCTAGTCTCGAA 20

RESULT 549
LOCUS BD128053 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Primer for synthesizing full-length cDNA and use thereof.
ACCESSION BD128053
VERSION BD128053.1 GI:23222998
KEYWORDS JP 2002017375-A/3484.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
Ota,T., Nishikawa,T., Isogai,T., Hayaashi,K., Ishii,S., Kawai,Y.,
Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and
Koga,H.
TITLE Primer for synthesizing full-length cDNA and use thereof
JOURNAL Patent: JP 2002017375-A 3484 22-JAN-2002;
HELIX RESEARCH INSTITUTE
COMMENT OS Unidentified
PN JP 2002017375-A/3484
PD 22-JAN-2002
PF 07-JUL-2000 JP 2000253172
PI TOSHIO OTA,TETSUO NISHIKAWA,TAKAO ISOGAI,KOJI HAYASHI,SHIZUKO
PI ISHII,
PI YURI KAWAI,AI WAKAMATSU,TOMOYASU SUGIYAMA,KEIICHI NAGAI, PI
SHINICHI KOJIMA,
PI TETSUJI OTSUKI,HISASHI KOGA
PC C12N15/09,C07K14/47,C07K16/18,C12N1/15,C12N1/19,C12N1/21,C12N5/ PC
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C12P21/02,C12Q1/68//C12P21/08,G06F17/30,C12N15/00,C12N5/00 CC
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synthesized primer
CC sequence
FH Key Location/Qualifiers
FT source 1..20
Location/Qualifiers
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Location/Qualifiers
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Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3593 TTGCTCAGGCTAATCTCAAA 3612
DB 1 TTGCCCGAGGCTAGTCTCGAA 20

RESULT 550
LOCUS BD138642 20 bp DNA linear PAT 18-SEP-2002
DEFINITION A novel gene and uses thereof.
ACCESSION BD138642
VERSION BD138642.1 GI:23233587
KEYWORDS JP 2002505844-A/7.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
Zimmet,P.Z. and Collier,G.
AUTHORS A novel gene and uses thereof
TITLE Patent: JP 2002505844-A 7 26-FEB-2002;
JOURNAL INTERNATIONAL DIABETES INSTITUTE,DEAKIN UNIVERSITY

	COMMENT	OS Artificial Sequence PN JP 2002050844-A/7 PD 26-FEB-2002 PF 30-OCT-1998 JP 20000519076 PR 31-OCT-1997 AU PP 0117.11-NOV-1997 AU PP 0323 PT PALT ZEV ZIMMET,GREGORY COLLIER PC C12N15/09,A6IKX1/711,A6IKX8/00,A6IKX9/395,A6IKA5/00,A6IKX8/00, PC A6IP1/14, PC A6IP3/04,A6IP3/06,A6IP3/10,A6IP9/12,C07K14/47,C07K16/18,C12P21/ PC O2,
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	Db	
	RESULT 551	
	ATH529437/c	
	DEFINITION	Arabidopsis thaliana T-DNA flanking sequence, left border, clone
	VERSION	186H12.
	KEYWORDS	AJ529437
	SOURCE	AJ529437.1 GI:26797697
	ORGANISM	left border; T-DNA flanking sequence. Arabidopsis thaliana (chale cress) Arabidopsis thaliana Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophytes; Magnoliophyta; eudicotyledons; core eudicots; rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
	REFERENCE	1 Brunaud,V., Balergue,S., Dubreucq,B., Aubourg,S., Samson,F., Chauvin,S., Bechtold,N., Cruaud,C., Derose,R., Pelletier,G., Lepintec,L., Caboche,M. and Lecharny,A. T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites EMBO Rep. 3 (12), 1152-1157 (2002)
	TITLE	
	JOURNAL	
	MEDLINE	22363535
	PUBMED	12446565
	REFERENCE	2 (bases 1 to 20) Balergue,S. Direct Submision Submitted (21-NOV-2002) Balergue S., UMRGV, INRA/CNR5, 2 rue Gaetan Cremieux, 91057 Evry cedex, FRANCE PCR was performed on DNA from transfectants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment(s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at http://dbsgap.versailles.inra.fr/publiclines/ . This sequence has been generated in the framework of the French plant genomics program "Genoplante" (http://www.genoplante.com and http://genoplante-info.infobiogen.fr). location/Qualifiers 1..20 /organism='Arabidopsis thaliana' /mol_type='genomic DNA'
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	TITLE	
	AUTHORS	
	COMMENT	
	FEATURES	
	source	

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/db_xref="taxon:3702"									
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DB 20 TCCTGCGCTGCGCTTTTCT 1									
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AR014600									
LOCUS									
DEFINITION Sequence 25 from patent US 5773691.									
ACCESSION AR014600									
VERSION AR014600.1 GI:3972054									
KEYWORDS									
SOURCE									
ORGANISM									
Unknown.									
Unclassified.									
1 (bases 1 to 21)									
REFERENCE									
AUTHORS Falco,S.Car1., Keeler,S.Jo. and Rice,J.Ann.									
TITLE Chimeric genes and methods for increasing the lysine and threonine									
content of the seeds of plants									
Patent: US 5773691-A 25 30-JUN-1998;									
JOURNAL									
FEATURES									
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Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;									
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DB 1 GATGAGAGAGAGCTGAAG 20									
RESULT 553									
AR069093									
LOCUS									
DEFINITION Sequence 4 from patent US 5854416.									
ACCESSION AR069093									
VERSION AR069093.1 GI:6001300									
KEYWORDS									
SOURCE									
ORGANISM									
Unknown.									
Unclassified.									
1 (bases 1 to 21)									
REFERENCE									
AUTHORS Sampson,J.S., Russell,H., Tharpe,J.A., Adee,E.W. and Carlone,G.M.									
TITLE Streptococcus pneumoniae 37-KDA surface adhesin a protein and									
nucleic acids coding therefor									
Patent: US 5854416-A 4 29-DEC-1998;									
JOURNAL									
FEATURES									
source									
1..21									
/organism="unknown"									
/mol_type="unassigned DNA"									
Query Match									
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 21;									
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;									
QY 1463 TCAGAGACTTATTGGCCCA 1482									
DB 1 TCAGAGGCTTATTGGCCAA 20									

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RESULT 554
LOCUS   ARI45615
DEFINITION Sequence 4 from patent US 6217884.
ACCESSION ARI45615
VERSION   ARI45615.1 GI:15108804
KEYWORDS
SOURCE   Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Sampson,J.S., Russell,H., Tharpe,J.A., Ades,E.W. and Carlone,G.M.
TITLE    Streptococcus pneumoniae 37-kDa surface adhesin a protein
JOURNAL  Patent: US 6217884-A 4 17-APR-2001;
FEATURES
source   1. 21
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1463 TCAGAGACTTATTGGCCCA 1482
Db 1 TCAGAGCTTATTTCGCA 20

RESULT 555
LOCUS   ARI63473/c
DEFINITION Sequence 16 from patent US 6270989.
ACCESSION ARI63473
VERSION   ARI63473.1 GI:16234081
KEYWORDS
SOURCE   Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Treco,D.A., Hearstlein,M.W., Hauge,B.M. and Selden,R.F.
TITLE    Protein production and delivery
JOURNAL  Patent: US 6270989-A 16 07-AUG-2001;
FEATURES
source   1. 21
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4206 CATTCCGTCACCTGTGTG 4225
Db 20 CATTCTGTCATCTCTGAGG 1

RESULT 556
LOCUS   CQ798162
DEFINITION Sequence 69 from Patent WO2004029287.
ACCESSION CQ798162
VERSION   CQ798162.1 GI:46426573
KEYWORDS
SOURCE   Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 (bases 1 to 21)
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE    Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
JOURNAL  Guelly,C., Buck,C. and Zaitloukal,K.
FEATURES
source   1. 21
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 570 GAAGAAGAGAGAGCTGAAG 589
Db 1 GATGAGAGAGAGCTGAAG 20

RESULT 557
LOCUS   126729
DEFINITION Sequence 17 from patent US 5558223.
ACCESSION 126729
VERSION   126729.1 GI:1606599
KEYWORDS
SOURCE   Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Falco,S.C., Keeler,S.J. and Rice,J.A.
TITLE    Synthetic storage proteins with defined structure containing
JOURNAL  programmable levels of essential amino acids for improvement of the
FEATURES
source   1. 21
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 874 ATGCCCTGATCCATGAATT 893
Db 1 ATGCCCTGATCCCTTATT 20

JOURNAL  Patent: WO 2004029287-A 69 08-APR-2004;
FEATURES
source   1. 21
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

JOURNAL  Epithelial cancer
FEATURES
source   1. 21
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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JOURNAL  Patent: WO 2004029287-A 69 08-APR-2004;
FEATURES
source   1. 21
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

JOURNAL  Oridis Biomed. Forschungs- und Entwicklungs GmbH (AT)
FEATURES
source   1. 21
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 874 ATGCCCTGATCCATGAATT 893
Db 1 ATGCCCTGATCCCTTATT 20

JOURNAL  Patent: WO 2004029287-A 69 08-APR-2004;
FEATURES
source   1. 21
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

JOURNAL  Epithelial cancer
FEATURES
source   1. 21
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 570 GAAGAAGAGAGAGCTGAAG 589
Db 1 GATGAGAGAGAGCTGAAG 20

RESULT 558
LOCUS   AR235402
DEFINITION Sequence 25 from patent US 6459019.
ACCESSION AR235402
VERSION   AR235402.1 GI:27278543
KEYWORDS
SOURCE   Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Falco,S.C., Keeler,S.J. and Rice,J.A.
TITLE    Chimeric genes and methods for increasing the lysine and threonine
JOURNAL  content of the seeds of plants
FEATURES
source   1. 21
/mol_type="unassigned DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 570 GAAGAAGAGAGAGCTGAAG 589

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Db 1 GATGAGGAGAGCTGAAG 20

RESULT 559
AR298357/c AR298357 21 bp DNA linear PAT 12-JUN-2003
LOCUS Sequence 10092 from patent US 6537751.
DEFINITION AR298357
ACCESSION AR298357
VERSION AR298357.1 GI:31685641
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1. .21
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2481 GGAAAAGACGCTAGAGCAT 2500
Db 20 GGAAAAACGCTAGAGCAT 1

RESULT 560
AR353834/c AR353834 21 bp DNA linear PAT 17-AUG-2003
LOCUS Sequence 9 from patent US 6593111.
DEFINITION AR353834
ACCESSION AR353834
VERSION AR353834.1 GI:33759901
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1. .21
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2771 AGCTTCTAGTGCACCTTC 2790
Db 20 AGTCTCTAGTGCACATTC 1

RESULT 561
AX015664 AX015664 21 bp DNA linear PAT 07-SEP-2000
LOCUS Sequence 8 from Patent WO950445.
DEFINITION AX015664
ACCESSION AX015664
VERSION AX015664.1 GI:10041493
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1. .21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="20604798 S4"

Von Knebel-Doberitz, M. and Lacroix, J.

TITLE
JOURNAL
FEATURES
source
1. .21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1907 CTCTCAGACCTCATTCCT 1926
Db 1 CTCTCAGACCTCATTCCT 20

RESULT 562
AX179338 AX179338 21 bp DNA linear PAT 03-JUL-2001
LOCUS Sequence 39 from Patent WO0127277.
DEFINITION AX179338
ACCESSION AX179338
VERSION AX179338.1 GI:14599009
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1. .21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="20604798 S3"

Shinkets, R.A., Lichenstein, H. and Boldog, F.L.
Proteins and polynucleotides encoded thereby
Patent: WO 0127277-A 39 19-APR-2001;
Curagen Corporation (US)

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4802 TCAGCAGCTGAAGTATCAAC 4821
Db 1 TCAGTACTGAGGTATCAAC 20

RESULT 563
AX179339 AX179339 21 bp DNA linear PAT 03-JUL-2001
LOCUS Sequence 40 from Patent WO0127277.
DEFINITION AX179339
ACCESSION AX179339
VERSION AX179339.1 GI:14599010
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1. .21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="20604798 S4"

Shinkets, R.A., Lichenstein, H. and Boldog, F.L.
Proteins and polynucleotides encoded thereby
Patent: WO 0127277-A 40 19-APR-2001;
Curagen Corporation (US)

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4802 TCAGAGCTGAAGTATCAAC 4821

DB 21 TCAGTAGCTGAAGTATCAAC 2

RESULT 564

AX203621

LOCUS AX203621 21 bp DNA linear PAT 30-AUG-2001
DEFINITION Sequence 251 from Patent WO0153520.
ACCESSION AX203621
VERSION AX203621.1 GI:15393051
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE

1 Cullen, P. and Seedorf, U.
Gene chip for neonate screening
Patent: WO 0153520-A 251 26-JUL-2001;
Cullen, Paul (DE) ; Seedorf, Udo (DE)
Location/Qualifiers
1. 21
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

FEATURES

source
1. 21
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 385 GGATTATATAAACTGGGTTTC 404

DB 1 GCATTGTAAACTGGGTAC 20

RESULT 565

AX284109

LOCUS AX284109 21 bp DNA linear PAT 20-NOV-2001
DEFINITION Sequence 74 from Patent WO0179487.
ACCESSION AX284109
VERSION AX284109.1 GI:17044819
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE
1 Deglitz, K.K. and Besch, R.
Polydesoxyribonucleotides for inhibiting the expression of the
1cam-1-gene
Patent: WO 0179487-A 74 25-OCT-2001;
Deglitz, Klaus Karl (DE) ; Besch, Robert (DE)
Location/Qualifiers
1. 21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
Sequenz: Polydesoxyribonukleotid"

FEATURES

source
1. 21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
Sequenz: Polydesoxyribonukleotid"

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1374 ACAAAAGCTCACCACCGAA 1393

DB 1 AAAAGAGCTCTCTCCAGAA 20

RESULT 566

AX358619/c

LOCUS AX358619 21 bp DNA linear PAT 13-FEB-2002
DEFINITION Sequence 7 from Patent WO0190340.
ACCESSION AX358619
VERSION AX358619.1 GI:18675153
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE

1 Baric, R.S. and Young, B.
Directional assembly of large viral genomes and chromosomes
Patent: WO 0190340-A 7 29-NOV-2001;
UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL (US)
Location/Qualifiers
1. 21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic oligonucleotide"

FEATURES

source
1. 21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic oligonucleotide"

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2771 AGCTTACTGTGCACCTTTC 2790

DB 20 AGCTCTAGTGTGCACATTC 1

RESULT 567

AX418290

LOCUS AX418290 21 bp DNA linear PAT 18-JUN-2002
DEFINITION Sequence 4 from Patent WO0204497.
ACCESSION AX418290
VERSION AX418290.1 GI:21523281
KEYWORDS
SOURCE Streptococcus pneumoniae
ORGANISM Streptococcus pneumoniae
Bacteria; Firmicutes; Lactobacillales; Streptococcaceae;
Streptococcus.

REFERENCE

1 Ades, E.W., Johnson, S.E., Jue, D.L., Sampson, J.S. and Carlone, G.M.
Multiple antigenic peptides immunogenic against Streptococcus
pneumoniae
Patent: WO 0204497-A 4 17-JAN-2002;
The Secretary, Department of Health & Human Services (US)
Location/Qualifiers
1. 21
/organism="Streptococcus pneumoniae"
/mol_type="unassigned DNA"
/db_xref="taxon:1313"
/note="PRIMER"

FEATURES

source
1. 21
/organism="Streptococcus pneumoniae"
/mol_type="unassigned DNA"
/db_xref="taxon:1313"
/note="PRIMER"

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1463 TCAGAGCTTATTGGCCCA 1482

DB 1 TCAGAGCTTATTGGCCCA 20

RESULT 568

AX449788

LOCUS AX449788 21 bp DNA linear PAT 03-JUL-2002
DEFINITION Sequence 123 from Patent WO0216600.
ACCESSION AX449788
VERSION AX449788.1 GI:21698296
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct

FEATURES

source
1. 21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="PRIMER"

REFERENCE 1
AUTHORS Gerlach,V., Macdougall,J.R., Smithson,G., Stone,D.J., Ellerman,K.,
SpyeK,K.A., Zernusen,B.D., Rastelli,L., Verney,C.A.,
Paturajan,M., Tohernev,V.T., Padigaru,M. and Taupier,R.J.
TITLE Proteins and nucleic acids encoding same
JOURNAL Patent: WO 0216600-A 123 28-FEB-2002;
Curagen Corporation (US)
FEATURES
source 1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Ag2025 Forward"

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2558 GTGATGAGGGGAGAGAGAG 2577
Db 1 GTGAGAGGGTGGTGAAGAGAG 20

RESULT 569
LOCUS AX452347 21 bp DNA linear PAT 06-JUL-2002
DEFINITION Sequence 33 from Patent WO0242441.
ACCESSION AX452347
VERSION AX452347.1 GI:21712258
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Laemmle,B., Gerritsen,H.E., Furlan,M., Threcek,P., Schwarz,H.P.,
Schnefflinger,F., Antoine,G., Kerschbaumer,R., Tagliavacca,L.,
Zimmermann,K. and Voelkel,D.
TITLE Von willebrand factor (vWF) cleaving protease polypeptide, nucleic
JOURNAL acid encoding the polypeptide and use of polypeptide
Patent: WO 0242441-A 33 30-MAY-2002;
Baxter Aktiengesellschaft (AT)
FEATURES
source 1..21
Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
primer_bind 1..21

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2790 CTGCATTAATTCAGCCGCC 2809
Db 2 CAGCATTAACCTAAGCCGCC 21

RESULT 570
LOCUS AX717124 21 bp DNA linear PAT 15-APR-2003
DEFINITION Sequence 5 from Patent WO03020766.
ACCESSION AX717124
VERSION AX717124.1 GI:29890358
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kaplan,F. and Swezey,N.B.
TITLE Late gestation lung genes, fragments and uses thereof
JOURNAL Patent: WO 03020766-A 5 13-MAR-2003;
McGILL UNIVERSITY (CA) ; The Hospital for Sick Children (CA)

FEATURES
source Location/Qualifiers
1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="PCR Primer"

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3974 TGCTGACATCAAGGCTGAG 3993
Db 2 TGCTGACACACAAAGGCTGCG 21

RESULT 571
LOCUS AX768037 21 bp DNA linear PAT 02-JUL-2003
DEFINITION Sequence 10 from Patent WO03044202.
ACCESSION AX768037
VERSION AX768037.1 GI:32436709
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Audit,M. and Cosset,F.L.
TITLE Chimeric plasmid comprising a replicative retroviral genome and
JOURNAL uses thereof
Patent: WO 03044202-A 10 30-MAY-2003;
Genethon III (FR) ; INSTITUT NATIONAL DE LA SANTE ET DE LA
RECHERCHE MEDICALE (INSERM) (FR)
FEATURES
source 1..21
Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="O11go 4"

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 516 GACAGAGATGCTGGCGAG 535
Db 1 GTCAGAGATGCTGACTGAG 20

RESULT 572
LOCUS AX825103 21 bp DNA linear PAT 11-DEC-2003
DEFINITION Sequence 1 from Patent WO03072818.
ACCESSION AX825103
VERSION AX825103.1 GI:39750832
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Boekenkamp,D., Dieck,T.H. and Hoppe,H.U.
TITLE Method for sorting single-stranded nucleic acids
JOURNAL Patent: WO 03072818-A 1 04-SEP-2003;
Degussa Bioactives GmbH (DE)
FEATURES
source 1..21
Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
Sequenz:Capture-Oligonukleotid"
1
/bound_moiety="Biotin"

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modified_base 3 /note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 6 /note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 9 /note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 12 /note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 15 /note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 18 /note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5391 TTTAAAAAATACAAAAAGA 5410
Db 20 TTTAAAAAATACAAAAAGA 1

RESULT 573
AX825104/c 21 bp DNA linear PAT 11-DEC-2003
LOCUS Sequence 2 from Patent WO03072818.
DEFINITION AX825104
ACCESSION AX825104 GI:39750833
VERSION AX825104.1
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
AUTHORS Method for sorting single-stranded nucleic acids
TITLE Patent: WO 03072818-A 2 04-SEP-2003;
JOURNAL Degussa Bioactives GmbH (DE)
FEATURES
source 1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
Sequenz: Capture-Oligonukleotid"
misc_binding 1 /bound_moiety="Biotin"
modified_base 3 /note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 6 /note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 9 /note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 12 /note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 15 /note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 18 /note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5391 TTTAAAAAATACAAAAAGA 5410
Db 20 TTTAAAAAATACAAAAAGA 1

RESULT 574
AX825105/c 21 bp DNA linear PAT 11-DEC-2003
LOCUS Sequence 3 from Patent WO03072818.
DEFINITION AX825105
ACCESSION AX825105 GI:39750834
VERSION AX825105.1
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
AUTHORS Method for sorting single-stranded nucleic acids
TITLE Patent: WO 03072818-A 3 04-SEP-2003;
JOURNAL Degussa Bioactives GmbH (DE)
FEATURES
source 1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
Sequenz: Capture-Oligonukleotid"
misc_binding 1 /bound_moiety="Biotin"
modified_base 3 /note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 6 /note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 9 /note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 12 /note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 15 /note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 18 /note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5391 TTTAAAAAATACAAAAAGA 5410
Db 20 TTTAAAAAATACAAAAAGA 1

RESULT 575
AX825118/c 21 bp DNA linear PAT 11-DEC-2003
LOCUS Sequence 16 from Patent WO03072818.
DEFINITION AX825118
ACCESSION AX825118
VERSION AX825118.1 GI:39750847
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
AUTHORS Method for sorting single-stranded nucleic acids
TITLE Patent: WO 03072818-A 16 04-SEP-2003;
JOURNAL
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FEATURES Degussa Bioactives GmbH (DB)
Location/Qualifiers
source 1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
Sequenz: Capture-Oligonukleotid"
misc_binding 1
/bound_moiety="Biotin"
modified_base 3
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base 6
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base 9
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base 12
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base 15
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base 18
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base 19
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base 21
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 5389 AATTAAAAAATGCAAAAA 5408
Db 21 AATAAAAAATGCAAAAA 2
RESULT 576
AX825132/c 21 bp DNA linear PAT 11-DEC-2003
LOCUS AX825132
DEFINITION Sequence 30 from Patent WO03072818.
ACCESSION AX825132
VERSION AX825132.1 GI:39750861
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
TITLE Method for sorting single-stranded nucleic acids
JOURNAL Patent: WO 03072818-A 30 04-SEP-2003;
Degussa Bioactives GmbH (DB)
FEATURES
source 1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
Sequenz: Capture-Oligonukleotid"
misc_binding 1
/bound_moiety="Biotin"
modified_base 3
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base 6
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base 9
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base 12
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base 15
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base 18
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base 19
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base 21
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER

modified_base 15
/mod_base=OTHER
modified_base 18
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 5401 ACATAAAAGAAAATGAAA 5420
Db 20 ACATAAAAGAAAATGAAA 1
RESULT 577
AX825133/c 21 bp DNA linear PAT 11-DEC-2003
LOCUS AX825133
DEFINITION Sequence 31 from Patent WO03072818.
ACCESSION AX825133
VERSION AX825133.1 GI:39750862
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
TITLE Method for sorting single-stranded nucleic acids
JOURNAL Patent: WO 03072818-A 31 04-SEP-2003;
Degussa Bioactives GmbH (DB)
FEATURES
source 1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
Sequenz: Capture-Oligonukleotid"
misc_binding 1
/bound_moiety="Biotin"
modified_base 3
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base 6
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base 9
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base 12
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base 15
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base 18
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base 19
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 5401 ACATAAAAGAAAATGAAA 5420
Db 20 ACATAAAAGAAAATGAAA 1
RESULT 578
AX825134/c 21 bp DNA linear PAT 11-DEC-2003
LOCUS AX825134
DEFINITION Sequence 32 from Patent WO03072818.

ACCESSION AX825134
VERSION AX825134.1 GI:39750863
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
TITLE Method for sorting single-stranded nucleic acids
JOURNAL Patent: WO 03072818-A 32 04-SEP-2003;
Degussa Bioactives GmbH (DE)
FEATURES
source
1. 21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
Sequenz: Capture-Oligonukleotid"
misc_binding
1
/bound_moiety="Biotin"
modified_base
3
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base
6
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base
9
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base
12
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base
15
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base
18
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5401 ACACAAAGAGAAATGAAA 5420
Db 20 ACACAAAGAGAAATGAAA 1
RESULT 579
AX825152/c
LOCUS AX825152 50 bp DNA linear PAT 11-DEC-2003
DEFINITION Sequence 50 from Patent WO03072818.
ACCESSION AX825152
VERSION AX825152.1 GI:39750881
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
TITLE Method for sorting single-stranded nucleic acids
JOURNAL Patent: WO 03072818-A 50 04-SEP-2003;
Degussa Bioactives GmbH (DE)
FEATURES
source
1. 21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
Sequenz: Capture-Oligonukleotid"
misc_binding
1
/bound_moiety="Biotin"
modified_base
3
/note="LNA-T (Locked Nucleic Acid) "

/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base
6
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base
9
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base
12
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base
15
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base
18
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 5392 TAAAAAATACAAAAAGAA 5411
Db 20 TAAAAAATACAAAAAGAA 1
RESULT 580
AX825153/c
LOCUS AX825153 51 bp DNA linear PAT 11-DEC-2003
DEFINITION Sequence 51 from Patent WO03072818.
ACCESSION AX825153
VERSION AX825153.1 GI:39750882
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
TITLE Method for sorting single-stranded nucleic acids
JOURNAL Patent: WO 03072818-A 51 04-SEP-2003;
Degussa Bioactives GmbH (DE)
FEATURES
source
1. 21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
Sequenz: Capture-Oligonukleotid"
misc_binding
1
/bound_moiety="Biotin"
modified_base
3
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base
6
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base
9
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base
12
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base
15
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
modified_base
18
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER
Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5392 TAAAAAATACAAAAAGAA 5411
|||||
Db 20 TAAAAAATACAAAAAGAA 1

RESULT 581
AX825154/c 21 bp DNA linear PAT 11-DEC-2003
LOCUS Sequence 52 from Patent WO03072818.
DEFINITION AX825154
ACCESSION AX825154
VERSION AX825154.1 GI:39750883
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
TITLE Method for sorting single-stranded nucleic acids
JOURNAL Patent: WO 03072818-A 52 04-SEP-2003;
Degussa Bioactives GmbH (DE)

FEATURES
source 1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
Sequenz: Capture-Oligonukleotid"
1
/bound_moiety="Biotin"
3
/note="LNA-T (Locked Nucleic Acid) "
6
/mod_base=OTHER
9
/note="LNA-T (Locked Nucleic Acid) "
12
/mod_base=OTHER
15
/note="LNA-T (Locked Nucleic Acid) "
18
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER

misc_binding
1
/bound_moiety="Biotin"
3
/note="LNA-T (Locked Nucleic Acid) "
6
/mod_base=OTHER
9
/note="LNA-T (Locked Nucleic Acid) "
12
/mod_base=OTHER
15
/note="LNA-T (Locked Nucleic Acid) "
18
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER

modified_base
6
/note="LNA-T (Locked Nucleic Acid) "
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/mod_base=OTHER
12
/note="LNA-T (Locked Nucleic Acid) "
15
/mod_base=OTHER
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/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER

modified_base
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/note="LNA-T (Locked Nucleic Acid) "
12
/mod_base=OTHER
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/note="LNA-T (Locked Nucleic Acid) "
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/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER

modified_base
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/note="LNA-T (Locked Nucleic Acid) "
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/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER

modified_base
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/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5392 TAAAAAATACAAAAAGAA 5411
|||||
Db 20 TAAAAAATACAAAAAGAA 1

RESULT 582
AX825155/c 21 bp DNA linear PAT 11-DEC-2003
LOCUS Sequence 53 from Patent WO03072818.
DEFINITION AX825155
ACCESSION AX825155
VERSION AX825155.1 GI:39750884
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
TITLE Method for sorting single-stranded nucleic acids
JOURNAL Patent: WO 03072818-A 53 04-SEP-2003;
Degussa Bioactives GmbH (DE)

FEATURES
source 1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
Sequenz: Capture-Oligonukleotid"
1
/bound_moiety="Biotin"
3
/note="LNA-T (Locked Nucleic Acid) "
6
/mod_base=OTHER
9
/note="LNA-T (Locked Nucleic Acid) "
12
/mod_base=OTHER
15
/note="LNA-T (Locked Nucleic Acid) "
18
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER

misc_binding
1
/bound_moiety="Biotin"
3
/note="LNA-T (Locked Nucleic Acid) "
6
/mod_base=OTHER
9
/note="LNA-T (Locked Nucleic Acid) "
12
/mod_base=OTHER
15
/note="LNA-T (Locked Nucleic Acid) "
18
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER

modified_base
6
/note="LNA-T (Locked Nucleic Acid) "
9
/mod_base=OTHER
12
/note="LNA-T (Locked Nucleic Acid) "
15
/mod_base=OTHER
18
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER

modified_base
9
/note="LNA-T (Locked Nucleic Acid) "
12
/mod_base=OTHER
15
/note="LNA-T (Locked Nucleic Acid) "
18
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER

modified_base
15
/note="LNA-T (Locked Nucleic Acid) "
18
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER

modified_base
18
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5402 CAAAAAAGAAAAATGAAAA 5421
|||||
Db 20 CAAAAAAGAAAAATGAAAA 1

RESULT 583
AX825156/c 21 bp DNA linear PAT 11-DEC-2003
LOCUS Sequence 54 from Patent WO03072818.
DEFINITION AX825156
ACCESSION AX825156
VERSION AX825156.1 GI:39750885
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
TITLE Method for sorting single-stranded nucleic acids
JOURNAL Patent: WO 03072818-A 54 04-SEP-2003;
Degussa Bioactives GmbH (DE)

FEATURES
source 1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
Sequenz: Capture-Oligonukleotid"
1
/bound_moiety="Biotin"
3
/note="LNA-T (Locked Nucleic Acid) "
6
/mod_base=OTHER
9
/note="LNA-T (Locked Nucleic Acid) "
12
/mod_base=OTHER
15
/note="LNA-T (Locked Nucleic Acid) "
18
/note="LNA-T (Locked Nucleic Acid) "
/mod_base=OTHER

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modified_base 15
      /note="LNA-T (Locked Nucleic Acid)"
modified_base 18
      /mod_base=OTHER
      /note="LNA-T (Locked Nucleic Acid)"
      /mod_base=OTHER

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5402 CAAAAAGAAAAATGAAA 5421
Db 20 CAAAAAAAAAAAAAAAAAAAA 1

RESULT 584
AX825157/c 21 bp DNA linear PAT 11-DEC-2003
LOCUS Sequence 55 from Patent WO03072818.
DEFINITION AX825157
ACCESSION AX825157.1 GI:39750886
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
TITLE Method for sorting single-stranded nucleic acids
JOURNAL Patent: WO 03072818-A 55 04-SEP-2003;
Degussa Bioactives GmbH (DB)
FEATURES
source
1. .21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
Sequenz: Capture-Oligonukleotid"
modified_base 3
/note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 6
/note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 9
/note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 12
/note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 15
/note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 18
/note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
misc_binding 1
/bound_moiety="Biotin"
modified_base 3
/note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 6
/note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 9
/note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 12
/note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 15
/note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 18
/note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5402 CAAAAAGAAAAATGAAA 5421
Db 20 CAAAAAAAAAAAAAAAAAAAA 1

RESULT 585
AX825164/c 21 bp DNA linear PAT 11-DEC-2003
LOCUS Sequence 62 from Patent WO03072818.
DEFINITION AX825164
ACCESSION AX825164
```

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VERSION AX825164.1 GI:39750893
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
TITLE Method for sorting single-stranded nucleic acids
JOURNAL Patent: WO 03072818-A 62 04-SEP-2003;
Degussa Bioactives GmbH (DB)
FEATURES
source
1. .21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
Sequenz: Capture-Oligonukleotid"
misc_binding 1
/bound_moiety="Biotin"
modified_base 3
/note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 6
/note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 9
/note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 12
/note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 15
/note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 18
/note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAAA 5412
Db 20 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 586
AX825165/c 21 bp DNA linear PAT 11-DEC-2003
LOCUS Sequence 63 from Patent WO03072818.
DEFINITION AX825165
ACCESSION AX825165
VERSION AX825165.1 GI:39750894
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
TITLE Method for sorting single-stranded nucleic acids
JOURNAL Patent: WO 03072818-A 63 04-SEP-2003;
Degussa Bioactives GmbH (DB)
FEATURES
source
1. .21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
Sequenz: Capture-Oligonukleotid"
misc_binding 1
/bound_moiety="Biotin"
modified_base 3
/note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
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modified_base /mod_base=OTHER
6 /note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 9 /note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 12 /note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 15 /note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
modified_base 18 /note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAAA 5412
DB 20 AAAAAAAAAAAAAAAAAA 1

RESULT 587
BD010392 21 bp DNA linear PAT 09-JAN-2004
DEFINITION Chimeric genes and methods for increasing the lysine content of the
seeds of plants.
ACCESSION BD010392
VERSION BD010392.1 GI:18638765
KEYWORDS JP 2001502923-A/24.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 21)
AUTHORS Falco,S.C., Ili,R.E.M. and Epeibaum,S.U.
TITLES Chimeric genes and methods for increasing the lysine content of the
seeds of plants
JOURNAL Patent: JP 2001502923-A 24 06-MAR-2001;
EI DU PONT DE NEMOURS AND CO
COMMENT OS Unidentified
PN JP 2001502923-A/24
PD 06-MAR-2001
PF 27-MAR-1998 JP 1998543284
PR 27-MAR-1997 US 08/824627
PI SAVERIO CARL FALCO, RAYMOND ERYIN MCDEVITT III, PI SABINE
URSTULA EPEIBAUM
PC C12N9/06, C12N9/12, C12N9/88, C12P13/08, C12N15/82 CC
Strandness: Single;
CC Topology: Linear;
FH key Location/Qualifiers
FT source 1..21
/organism='Unidentified'.
Location/Qualifiers
1..21
/mol_type='unassigned DNA'
/db_xref='taxon:32644'

FEATURES
source

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 570 GAAGAGGAGGAGCTGAAGG 589
DB 1 GATGAGGAGAGGCTGAAGG 20

RESULT 588
BD089907/c
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LOCUS BD089907 21 bp DNA linear PAT 27-AUG-2002
DEFINITION A method of arraying genome clone.
ACCESSION BD089907
VERSION BD089907.1 GI:22635517
KEYWORDS JP 2001321190-A/2151.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 21)
AUTHORS Soeda,B.
TITLES A method of arraying genome clone
JOURNAL Patent: JP 2001321190-A 2151 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
COMMENT OS Artificial Sequence
PN JP 2001321190-A/2151
PD 20-NOV-2001
PF 12-MAR-2001 JP 2001068285
PI EITCHI SOEDA
PC C12N15/09, C12N15/00, C12M1/00, G01N33/53, G01N33/566, PC
C12N15/00,
CC Description of Artificial Sequence:Synthetic DNA FH Key
FT source 1..21
Location/Qualifiers
1..21
/organism='Artificial Sequence'.
Location/Qualifiers
1..21
/mol_type='genomic DNA'
/db_xref='taxon:32630'

QY 2334 CTTGAAGATGGTATTCTTC 2353
DB 20 CCTGAGAGTGCTATTCTTC 1

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

RESULT 589
BD144906/c
LOCUS BD144906 21 bp DNA linear PAT 17-JAN-2003
DEFINITION A method of detecting human phase I enzymes of drug-metabolizing
and a probe and a kit therefor.
ACCESSION BD144906
VERSION BD144906.1 GI:27850664
KEYWORDS JP 2002142780-A/118.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 (bases 1 to 21)
AUTHORS Nishimura,M., Yasuchi,H., Naoto,S. and Hirooka,I.
TITLES A method of detecting human phase I enzymes of drug-metabolizing
and a probe and a kit therefor
JOURNAL Patent: JP 2002142780-A 118 21-MAY-2002;
OTSUKA PHARMACEUTICAL FACTORY INC
COMMENT OS Homo sapiens (human)
PN JP 2002142780-A/118
PD 21-MAY-2002
PF 28-AUG-2001 JP 2001257338
PI MASUHIRO NISHIMURA, HIROSHI YAGUCHI, SHINSAKU NAITO, ISAO HIRAKA
PC C12N15/09, C12Q1/68, C12N15/00
CC human ALDH4 gene
FH key Location/Qualifiers
FT source 1..21
Location/Qualifiers
1..21
/organism='Homo sapiens (human)'.
Location/Qualifiers
1..21
/mol_type='genomic DNA'
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/db_xref="taxon:9606"

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3315 GAACAACGTGATGACGTTG 3334
DB 20 GCACAACTGATGATGTTG 1

RESULT 590
AX530368/c 39 bp DNA linear PAT 21-NOV-2002
LOCUS Sequence 91 from Patent WO0240668.
ACCESSION AX530368
VERSION AX530368.1 GI:25173256
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE 1
AUTHORS Techopp,J. and Martinon,F.
TITLE Proteins and dna sequences underlying these proteins used for treating inflammations
JOURNAL Patent: WO 0240668-A 91 23-MAY-2002;
Apotech Research and Development Ltd. (CH)
FEATURES
source 1.39
/organism="synthetic construct"
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/db_xref="taxon:32630"
/note="Primer J71497 (S. 49)"

Query Match 0.3%; Score 15.2; DB 1; Length 39;
Best Local Similarity 63.9%; Pred. No. 7.2e+02;
Matches 23; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

QY 785 AAGGGGAGGCCCTCTCCTCATTTCCCTACAGCC 820
DB 38 AAGTAAACAGCCGCGGCCCGAGCTCCGCCAGCC 3

RESULT 591
BD257666/c 17 bp DNA linear PAT 17-JUL-2003
LOCUS BD257666
DEFINITION Regulation of repressor genes using nucleic acid molecules.
ACCESSION BD257666
VERSION BD257666.1 GI:33067436
KEYWORDS JP 2002541795-A/5459.
SOURCE unidentified
ORGANISM unclassified.

REFERENCE 1 (bases 1 to 17)
AUTHORS Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.
TITLE Regulation of repressor genes using nucleic acid molecules
JOURNAL Patent: JP 2002541795-A 5459 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
OS Eukaryote
PN JP 2002541795-A/5459
PD 10-DEC-2002 JP 200611654
PR 11-APR-2000 JP 60/129390
PI 12-APR-1999 US 60/129390
P1 LAWRENCE BLATT,MICHAEL ZWICK,PAMELA PAVCO,JAMES MCSWIGGEN PC
C12N15/09,A61K38/00,A61K48/00,A61P43/00,A61P43/00,C12N5/10, PC
C12P21/02,
PC
C12P21/02,C12P21/02//A61K31/711,(C12N5/10,C12R1:91),(C12P21/02, PC
C12R1:91),
PC (C12P21/02,C12R1:91),(C12P21/02,C12R1:91),C12N15/00,C12N5/00,
PC A61K37/02,
PC (C12N5/00,C12R1:91)
CC Regulation of repressor genes using nucleic acid molecules FH

.Key Location/Qualifiers
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/organism="Eukaryote".

FEATURES
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/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5412 AAAATGAATATAAG 5426
DB 17 AAAATGAATATAAG 3

RESULT 592
CQ622025 17 bp DNA linear PAT 02-FEB-2004
LOCUS Sequence 6765 from Patent WO0192524.
ACCESSION CQ622025
VERSION CQ622025.1 GI:41672243
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE 1
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Myosin-like gene expressed in human heart and muscle
JOURNAL Patent: WO 0192524-A 6765 06-DEC-2001;
Aeomica, Inc. (US)
FEATURES
source 1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 CTCCTGAGACCCCTG 3048
DB 3 CTCCTGAGACCCCTG 17

RESULT 593
CQ622026 17 bp DNA linear PAT 02-FEB-2004
LOCUS Sequence 6766 from Patent WO0192524.
ACCESSION CQ622026
VERSION CQ622026.1 GI:41672244
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE 1
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Myosin-like gene expressed in human heart and muscle
JOURNAL Patent: WO 0192524-A 6766 06-DEC-2001;
Aeomica, Inc. (US)
FEATURES
source 1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 CTCCTGGAGACCCCTG 3048
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DB 2 CTCCTGGAGACCCCTG 16

RESULT 594
LOCUS CQ622027 17 bp DNA linear PAT 02-FEB-2004
DEFINITION Sequence 6767 from Patent WO0192524.
ACCESSION CQ622027
VERSION CQ622027.1 GI:41672245
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS Gu Y., Ji Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.B.
TITLE Myosin-like gene expressed in human heart and muscle
JOURNAL Patent: WO 0192524-A 6767 06-DEC-2001;
FEATURES location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 CTCCTGGAGACCCCTG 3048
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DB 1 CTCCTGGAGACCCCTG 15

RESULT 595
LOCUS AR463088 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 6765 from patent US 6686188.
ACCESSION AR463088
VERSION AR463088.1 GI:42698145
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu Y., Ji Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.B.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 6765 03-FEB-2004;
FEATURES location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 CTCCTGGAGACCCCTG 3048
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DB 3 CTCCTGGAGACCCCTG 17

RESULT 596
LOCUS AR463089 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 6766 from patent US 6686188.
ACCESSION AR463089
VERSION AR463089.1 GI:42698146
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu Y., Ji Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.B.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 6766 03-FEB-2004;
FEATURES location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 CTCCTGGAGACCCCTG 3048
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DB 2 CTCCTGGAGACCCCTG 16

RESULT 597
LOCUS AR463090 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 6767 from patent US 6686188.
ACCESSION AR463090
VERSION AR463090.1 GI:42698147
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu Y., Ji Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.B.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 6767 03-FEB-2004;
FEATURES location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 CTCCTGGAGACCCCTG 3048
|||||
DB 1 CTCCTGGAGACCCCTG 15

RESULT 598
LOCUS AX736471/c 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 2061 from Patent WO03025177.
ACCESSION AX736471
VERSION AX736471.1 GI:30515759
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS Telemann, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use

LOCUS AR463089 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 6766 from patent US 6686188.
ACCESSION AR463089
VERSION AR463089.1 GI:42698146
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu Y., Ji Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.B.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 6766 03-FEB-2004;
FEATURES location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 CTCCTGGAGACCCCTG 3048
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DB 2 CTCCTGGAGACCCCTG 16

RESULT 597
LOCUS AR463090 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 6767 from patent US 6686188.
ACCESSION AR463090
VERSION AR463090.1 GI:42698147
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu Y., Ji Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.B.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 6767 03-FEB-2004;
FEATURES location/Qualifiers
source 1..17
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Query Match 0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 CTCCTGGAGACCCCTG 3048
|||||
DB 1 CTCCTGGAGACCCCTG 15

RESULT 598
LOCUS AX736471/c 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 2061 from Patent WO03025177.
ACCESSION AX736471
VERSION AX736471.1 GI:30515759
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS Telemann, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use

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thereof as medicaments
Patent: WO 03025177-A 2061 27-MAR-2003;
JOURNAL Molecular Engines Laboratories (FR)
FEATURES
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            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"
Query Match
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Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2324 TCTCCACCTTCTGA 2338
Db 17 TCTCCACCTTCTGA 3

RESULT 599
AX760295 17 bp DNA linear PAT 25-JUN-2003
LOCUS Sequence 3616 from Patent WO03040369.
DEFINITION AX760295
ACCESSION AX760295
VERSION AX760295.1 GI:32254911
KEYWORDS
SOURCE
    Homo sapiens (human)
    Homo sapiens
    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
    Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
    1
    Telesman, A., Anson, R. and Tuijnder, M.
    Sequences involved in tumoral suppression, tumoral reversion,
    apoptosis and/or viral resistance phenomena and their use as
    medicines
    Patent: WO 03040369-A 3616 15-MAY-2003;
JOURNAL Molecular Engines Laboratories (FR)
FEATURES
    source
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            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"
Query Match
    0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3605 ATCTCAACTCTCTGG 3619
Db 2 ATCTCAACTCTCTGG 16

RESULT 600
ARI05021 18 bp DNA linear PAT 14-FEB-2001
LOCUS Sequence 25 from patent US 6096502.
DEFINITION ARI05021
ACCESSION ARI05021
VERSION ARI05021.1 GI:12818618
KEYWORDS
SOURCE
    Unknown.
    Unknown.
    Unclassified.
REFERENCE
    1 (bases 1 to 18)
    Lee, S.S.-K.
    Substrate for detecting UL9 helicase activity
    Patent: US 6096502-A 25 01-AUG-2000;
JOURNAL location/Qualifiers
FEATURES
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        1. .18
            /organism="unknown"
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Query Match
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Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 1181 GAGAAAGAGAGAG 1195
Db 1 GAGAAAGAGAGAG 15

RESULT 601
AR295566/c 19 bp DNA linear PAT 12-JUN-2003
LOCUS Sequence 7301 from patent US 6537751.
DEFINITION AR295566
ACCESSION AR295566
VERSION AR295566.1 GI:31682850
KEYWORDS
SOURCE
    Unknown.
    Unknown.
    Unclassified.
REFERENCE
    1 (bases 1 to 19)
    Cohen, D., Chumakov, I. and Blumenfeld, M.
    Biallelic markers for use in constructing a high density
    disequilibrium map of the human genome
    Patent: US 6537751-A 7301 25-MAR-2003;
JOURNAL location/Qualifiers
FEATURES
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            /mol_type="genomic DNA"
Query Match
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Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1329 GAAAAATGAGATT 1343
Db 15 GAAAAATGAGATT 1

RESULT 602
AR072469 20 bp DNA linear PAT 28-AUG-2000
LOCUS Sequence 272 from patent US 5948611.
DEFINITION AR072469
ACCESSION AR072469
VERSION AR072469.1 GI:9999233
KEYWORDS
SOURCE
    Unknown.
    Unknown.
    Unclassified.
REFERENCE
    1 (bases 1 to 20)
    Prockop, D.J., Ala-Kotko, L., Williams, C.J., Ritvanemi, P.,
    Baldwin, C., Hopkinson, I. and Ahmad, N.
    Primers and methods for detecting mutations in the procollagen II
    gene (COL2A1) that indicate a genetic predisposition for a
    COL2A1-associated disease
    Patent: US 5948611-A 272 07-SEP-1999;
JOURNAL location/Qualifiers
FEATURES
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            /mol_type="unassigned DNA"
Query Match
    0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1294 TCTGTGAGAGAGC 1308
Db 15 TCTGTGAGAGAGC 1

RESULT 603
BD211114 20 bp DNA linear PAT 17-JUL-2003
LOCUS Quantitative assay of gene expression.
DEFINITION BD211114
ACCESSION BD211114
VERSION BD211114.1 GI:33020884
KEYWORDS
    JP 2002512046-A/59.

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SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
REFERENCE 1 (bases 1 to 20)
AUTHORS Lowe,D.G.
TITLE Quantitative assay of gene expression
JOURNAL Patent: JP 2002512046-A 59 23-APR-2002;
GENENTECH INC
COMMENT OS Mus musculus (mouse)
PN JP 2002512046-A/59
PP 23-APR-2002 JP 2000544838
PR 23-APR-1999 US 09/065673
PI DAVID G LOWE
PC C12Q1/68, C12N15/09, C12N15/00
CC Quantitative assay of gene expression.
FH Key Location/Qualifiers
FT source 1..20
FEATURES Location/Qualifiers
source 1..20
/organism="Mus musculus"
/mol_type="genomic DNA"
/db_xref="taxon:10090"

Query Match 0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3142 TTCATGTGCTCAGC 3156
Db 4 TTCATGTGCTCAGC 18

RESULT 604
LOCUS CQ816485/c 20 bp DNA linear PAT 03-JUN-2004
DEFINITION Sequence 43 from Patent WO2004041865.
ACCESSION CQ816485
VERSION CQ816485.1 GI:48144776
KEYWORDS
SOURCE Lama glama (llama)
ORGANISM Lama glama
REFERENCE 1
AUTHORS Silence,K., Lauwereys,M. and Dreier,T.
TITLE Stabilized single domain antibodies
JOURNAL Patent: WO 2004041865-A 43 21-MAY-2004;
Ablynx N.V. (BE)
FEATURES Location/Qualifiers
source 1..20
/organism="Lama glama"
/mol_type="unassigned DNA"
/db_xref="taxon:9844"

Query Match 0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3752 ATGACTTCGGGGCC 3766
Db 17 ATGACTTCGGGGCC 3

RESULT 605
LOCUS CQ817214/c 20 bp DNA linear PAT 03-JUN-2004
DEFINITION Sequence 81 from Patent WO2004041863.
ACCESSION CQ817214
VERSION CQ817214.1 GI:48145354
KEYWORDS

SOURCE Lama glama (llama)
ORGANISM Lama glama
REFERENCE 1 (bases 1 to 20)
AUTHORS Beinraert,E.
TITLE Single domain antibodies directed against interferon- gamma and
JOURNAL Patent: WO 2004041863-A 81 21-MAY-2004;
Ablynx N.V. (BE)
FEATURES Location/Qualifiers
source 1..20
/organism="Lama glama"
/mol_type="unassigned DNA"
/db_xref="taxon:9844"

Query Match 0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3752 ATGACTTCGGGGCC 3766
Db 17 ATGACTTCGGGGCC 3

RESULT 606
LOCUS CQ818322/c 20 bp DNA linear PAT 07-JUN-2004
DEFINITION Sequence 97 from Patent WO2004041867.
ACCESSION CQ818322
VERSION CQ818322.1 GI:48427010
KEYWORDS
SOURCE Lama glama (llama)
ORGANISM Lama glama
REFERENCE 1
AUTHORS Silence,K., Vaech,M. and van bergen en Henegouwen,P.P.
TITLE Camelidae antibodies against immunoglobulin e and use thereof
JOURNAL Patent: WO 2004041867-A 97 21-MAY-2004;
Ablynx N.V. (BE)
FEATURES Location/Qualifiers
source 1..20
/organism="Lama glama"
/mol_type="unassigned DNA"
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Query Match 0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3752 ATGACTTCGGGGCC 3766
Db 17 ATGACTTCGGGGCC 3

RESULT 607
LOCUS AR219165 20 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 7 from patent US 6420136.
ACCESSION AR219165
VERSION AR219165.1 GI:23320099
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Riabowol,K.T., Garikavtsev,I. and Gudkov,A.
TITLE Method of modulating p53 activity
JOURNAL Patent: US 6420136-A 7 16-JUL-2002;
FEATURES Location/Qualifiers
source 1..20

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/organism="unknown"
/mol_type="genomic DNA"

Query Match      0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3292 CTGAAGAGCTAGAC 3306
      |||
      1 CTGAAGAGCTAGAC 15

RESULT 608
AR224591      20 bp      DNA      linear      PAT 26-SEP-2002
LOCUS      AR224591      Sequence 50 from patent US 6440738.
DEFINITION      AR224591
ACCESSION      AR224591
VERSION      AR224591.1 GI:23333431
KEYWORDS
SOURCE      Unknown.
ORGANISM      Unknown.
REFERENCE      1 (bases 1 to 20)
AUTHORS      Wyatt,J.
TITLE      Antisense modulation of casein kinase 2-beta expression
JOURNAL      Patent: US 6440738-A 50 27-AUG-2002;
FEATURES
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            /organism="unknown"
            /mol_type="genomic DNA"

Query Match      0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3461 AGCTGCTCATCTTCA 3475
      |||
      2 AGCTGCTCATCTTCA 16

RESULT 609
AR338046      20 bp      DNA      linear      PAT 17-AUG-2003
LOCUS      AR338046      Sequence 118 from patent US 6569432.
DEFINITION      AR338046
ACCESSION      AR338046
VERSION      AR338046.1 GI:33724715
KEYWORDS
SOURCE      Unknown.
ORGANISM      Unknown.
REFERENCE      1 (bases 1 to 20)
AUTHORS      Israeli,R.S., Hesston,W.D.W., Fair,W.R., Querfelli,O. and Pinto,J.
TITLE      Prostate-specific membrane antigen and uses thereof
JOURNAL      Patent: US 6569432-A 118 27-MAY-2003;
FEATURES
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            /organism="unknown"
            /mol_type="genomic DNA"

Query Match      0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2619 CCTGATGACAGTGGGT 2633
      |||
      16 CCTGATGACAGTGGGT 2

RESULT 610
AR008503      21 bp      DNA      linear      PAT 04-DEC-1998
LOCUS      AR008503      Sequence 34 from patent US 5753492.
DEFINITION      AR008503
ACCESSION      AR008503
VERSION      AR008503
KEYWORDS
SOURCE      Unknown.
ORGANISM      Unknown.
REFERENCE      1 (bases 1 to 21)
AUTHORS      Payne,J.M., Kennedy,M.Keith., Randall,J.Brookes., Meier,H.,
      Wick,H.Jane., Foncerrada,L., Schnepf,H.Ernest., Schwab,G.E. and
      Fu,J.
TITLE      Bacillus thuringiensis toxins active against hymenopteran pests
JOURNAL      Patent: US 6077937-A 27 20-JUN-2000;
FEATURES
      source
            1..21
            /organism="unknown"
            /mol_type="genomic DNA"

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VERSION      AR008503.1 GI:3967612
KEYWORDS
SOURCE      Unknown.
ORGANISM      Unknown.
REFERENCE      1 (bases 1 to 21)
AUTHORS      Schnepf,H.Ernest., Schwab,G.E., Payne,J., Narva,K.E. and
      Foncerrada,L.
TITLE      Genes encoding nematode-active toxins from Bacillus thuringiensis
JOURNAL      Patent: US 5753492-A 34 19-MAY-1998;
FEATURES
      source
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            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 5.9e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY      5271 AAGGAGTTTATTCAGAAAT 5291
      |||
      1 AATGAAGTWTATTCWGTTAAT 21

RESULT 611
AR049953      21 bp      DNA      linear      PAT 29-SEP-1999
LOCUS      AR049953      Sequence 27 from patent US 5824792.
DEFINITION      AR049953
ACCESSION      AR049953
VERSION      AR049953.1 GI:5971945
KEYWORDS
SOURCE      Unknown.
ORGANISM      Unknown.
REFERENCE      1 (bases 1 to 21)
AUTHORS      Payne,J.M., Kennedy,M.Keith., Randall,J.Brookes., Meier,H.,
      Wick,H.Jane., Foncerrada,L., Schnepf,H.Ernest., Schwab,G.E. and
      Fu,J.
TITLE      Bacillus thuringiensis toxins active against hymenopteran pests
JOURNAL      Patent: US 5824792-A 27 20-OCT-1998;
FEATURES
      source
            1..21
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            /mol_type="unassigned DNA"

Query Match      0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 5.9e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY      5271 AAGGAGTTTATTCAGAAAT 5291
      |||
      1 AATGAAGTWTATTCWGTTAAT 21

RESULT 612
AR099639      21 bp      DNA      linear      PAT 14-FEB-2001
LOCUS      AR099639      Sequence 27 from patent US 6077937.
DEFINITION      AR099639
ACCESSION      AR099639
VERSION      AR099639.1 GI:12809405
KEYWORDS
SOURCE      Unknown.
ORGANISM      Unknown.
REFERENCE      1 (bases 1 to 21)
AUTHORS      Payne,J.M., Kennedy,M.Keith., Randall,J.Brookes., Meier,H.,
      Wick,H.Jane., Foncerrada,L., Schnepf,H.Ernest., Schwab,G.E. and
      Fu,J.
TITLE      Bacillus thuringiensis toxins active against hymenopteran pests
JOURNAL      Patent: US 6077937-A 27 20-JUN-2000;
FEATURES
      source
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            /mol_type="unassigned DNA"

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/organism="unknown"
/mol_type="unassigned DNA"

Query Match      0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 5.9e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy      5271 AAGGAAGTTTATTCAGAAAT 5291
Db      1 AATGAAGTWTATCCGWTAAAT 21

RESULT 613
LOCUS      113737      21 bp      DNA      linear      PAT 26-SEP-1995
DEFINITION Sequence 13 from patent US 5439881.
ACCESSION  113737
VERSION    113737.1 GI:396803
KEYWORDS   .
SOURCE     .
ORGANISM   Unknown.
REFERENCE   Unclassified.
AUTHORS    1 (bases 1 to 21)
TITLE      Narva,K.E., Schwab,G.E. and Payne,J.M.
            Gene encoding nematode-active toxin P63B cloned from Bacillus
            thuringiensis isolate
JOURNAL    Patent: US 5439881-A 13 08-AUG-1995;
FEATURES    Location/Qualifiers
            1..21
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 5.9e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy      5271 AAGGAAGTTTATTCAGAAAT 5291
Db      1 AATGAAGTWTATCCGWTAAAT 21

RESULT 614
LOCUS      134533      21 bp      DNA      linear      PAT 06-FEB-1997
DEFINITION Sequence 27 from patent US 5596071.
ACCESSION  134533
VERSION    134533.1 GI:1825324
KEYWORDS   .
SOURCE     .
ORGANISM   Unknown.
REFERENCE   Unclassified.
AUTHORS    1 (bases 1 to 21)
TITLE      Payne,J.M., Kennedy,M.Keith., Randall,J.B., Meier,H., Dick,H.J.,
            Foncerrada,L., Schmepl,H.Ernest., Schwab,G.E. and Fu,J.
            Bacillus thuringiensis toxins active against hymenopteran pests
JOURNAL    Patent: US 5596071-A 27 21-JAN-1997;
FEATURES    Location/Qualifiers
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            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 5.9e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy      5271 AAGGAAGTTTATTCAGAAAT 5291
Db      1 AATGAAGTWTATCCGWTAAAT 21

RESULT 615
LOCUS      139803      21 bp      DNA      linear      PAT 13-MAY-1997
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DEFINITION Sequence 27 from patent US 5616495.
ACCESSION  139803
VERSION    139803.1 GI:2084283
KEYWORDS   .
SOURCE     .
ORGANISM   Unknown.
REFERENCE   Unclassified.
AUTHORS    1 (bases 1 to 21)
TITLE      Payne,J.M., Kennedy,M.Keith., Randall,J.B., Meier,H., Dick,H.J.,
            Foncerrada,L., Schmepl,H.E. and Schwab,G.E.
            Bacillus thuringiensis gene encoding hymenopteran-active toxins
JOURNAL    Patent: US 5616495-A 27 01-APR-1997;
FEATURES    Location/Qualifiers
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            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 5.9e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy      5271 AAGGAAGTTTATTCAGAAAT 5291
Db      1 AATGAAGTWTATCCGWTAAAT 21

RESULT 616
LOCUS      AR409131      21 bp      DNA      linear      PAT 18-DEC-2003
DEFINITION Sequence 34 from patent US 6632792.
ACCESSION  AR409131
VERSION    AR409131.1 GI:40159621
KEYWORDS   .
SOURCE     .
ORGANISM   Unknown.
REFERENCE   Unclassified.
AUTHORS    1 (bases 1 to 21)
TITLE      Schmepl,H.E., Schwab,G.E., Payne,J., Narva,K.E. and Foncerrada,L.
            Nematocidal proteins
JOURNAL    Patent: US 6632792-A 34 14-OCT-2003;
FEATURES    Location/Qualifiers
            1..21
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 5.9e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy      5271 AAGGAAGTTTATTCAGAAAT 5291
Db      1 AATGAAGTWTATCCGWTAAAT 21

RESULT 617
LOCUS      AX095786      21 bp      DNA      linear      PAT 30-MAR-2001
DEFINITION Sequence 964 from Patent WO0118250.
ACCESSION  AX095786
VERSION    AX095786.1 GI:13512013
KEYWORDS   .
SOURCE     .
ORGANISM   Homo sapiens (human)
            Homo sapiens
            Bacteria; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Buteria; Primates; Catarrhini; Homiidae; Homo.
            Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.O. and
            McCarthy,J.J.
            Single nucleotide polymorphisms in genes
            Patent: WO 0118250-A 964 15-MAR-2001;
            WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium
            Pharmaceuticals, Inc. (US)
            Location/Qualifiers
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source
1. .21
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 3573 AGAGAGCGCGGCTTCCC 3589
|||||
5 AGAGAGCGCGGATCCC 21

RESULT 618
AX146081 21 bp DNA linear PAT 31-MAY-2001
LOCUS AX146081
DEFINITION Sequence 272 from Patent WO0134840.
ACCESSION AX146081
VERSION AX146081.1 GI:14284599
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
1 Au, K.G., Chen, J.G., Patil, N. and Thomas, D.
Genetic compositions and methods
Patent: WO 0134840-A 272 17-MAY-2001;
GLAXO GROUP LIMITED (GB) ; Affymetrix, Inc. (US)
location/Qualifiers
1. .21
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/Note="n' represents a polymorphic base"
variation
1. .21
/Note="n' represents a polymorphic base"

Query Match
0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 910 CAGGGCTCAGAGAGAA 925
|||||
16 CAGGGNTCAGAGAGAA 1

RESULT 619
A57775 18 bp DNA linear PAT 03-MAR-1998
LOCUS A57775
DEFINITION Sequence 10 from Patent WO9634100.
ACCESSION A57775
VERSION A57775.1 GI:3713599
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1
Stroberg, A.D. and Zilberfarb, V.
IMMORTALISED CELL LINES FROM HUMAN ADIPOSE TISSUE, PROCESS FOR
PREPARING SAME AND APPLICATIONS THEREOF
Patent: WO 9634100-A 10 31-OCT-1996;
CENTRE NAT RECH SCIENT (FR)
Other publication FR 273513 961031.
location/Qualifiers
1. .18
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

COMMENT
FEATURES
source

Query Match
0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Qy 1264 CTACAGCCCAACACAC 1281
|||||
Db 18 CTACAGCTTCACACAC 1

RESULT 620
AR040105 18 bp DNA linear PAT 29-SEP-1999
LOCUS AR040105
DEFINITION Sequence 953 from patent US 5807743.
ACCESSION AR040105
VERSION AR040105.1 GI:5959468
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1
(bases 1 to 18)
AUTHORS Stinchcomb, D.T. and McSwigen, J.A.
TITLE Interleukin-2 receptor gamma-chain ribozymes
JOURNAL Patent: US 5807743-A 953 15-SEP-1998;
FEATURES
location/Qualifiers
1. .18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 573 GAAGAGAGAGCTGAGAGA 590
|||||
Db 18 GAAGAGAGAGCTGAGAGA 1

RESULT 621
AR043619 18 bp DNA linear PAT 29-SEP-1999
LOCUS AR043619
DEFINITION Sequence 4 from patent US 5814509.
ACCESSION AR043619
VERSION AR043619.1 GI:5964627
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1
(bases 1 to 18)
AUTHORS Tanabe, T.
TITLE Prostaglandin synthase derived from human
JOURNAL Patent: US 5814509-A 4 29-SEP-1998;
FEATURES
location/Qualifiers
1. .18
/organism="unknown"
/mol_type="unassigned DNA"

Qy 4457 TGCTTCACACTACTGCA 4474
|||||
Db 1 TGCTGCATCTCCTCTGCA 18

RESULT 622
AR047460 18 bp DNA linear PAT 29-SEP-1999
LOCUS AR047460
DEFINITION Sequence 2253 from patent US 5817796.
ACCESSION AR047460
VERSION AR047460.1 GI:5968925
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1
(bases 1 to 18)
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AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
 TITLE C-myc ribozymes having 2'-5'-linked adenylylate residues
 JOURNAL Patent: US 581796-A 2253 06-OCT-1998;
 FEATURES Location/Qualifiers
 source 1..18

/organism="unknown"
 /mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
 Best Local Similarity 88.9%; Pred. No. 5.8e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2518 TTGGGGCATCAACCACA 2535
 DB 18 TTGGGGCATCTGCCACA 1

RESULT 623
 AR048585

LOCUS AR048585 18 bp DNA linear PAT 29-SEP-1999
 DEFINITION Sequence 18 from patent US 5821124.
 ACCESSION AR048585
 VERSION AR048585.1 GI:5970928

KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 18)

AUTHORS Valenzuela,D.M., Yancopoulos,G.D., Harland,R.M. and Smith,W.C.
 TITLE Hybridoma cell lines and antibodies that bind noggin
 JOURNAL Patent: US 5821124-A 18 13-OCT-1998;
 FEATURES Location/Qualifiers

source 1..18

/organism="unknown"
 /mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
 Best Local Similarity 88.9%; Pred. No. 5.8e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 748 CAGATGGGCTGAGTCA 765
 DB 1 CAGATGGGCTGTGTCA 18

RESULT 624
 AR062892

LOCUS AR062892 18 bp DNA linear PAT 29-SEP-1999
 DEFINITION Sequence 18 from patent US 5843775.
 ACCESSION AR062892
 VERSION AR062892.1 GI:5990583

KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 18)

AUTHORS Valenzuela,D.M., Ip,N.Y., Cudny,H.D., Yancopoulos,G.D.,
 Harland,R.M., Smith,W.C., Lamb,T. and Knecht,A.
 TITLE Human dorsal tissue affecting factor (noggin) and nucleic acids
 encoding same
 JOURNAL Patent: US 5843775-A 18 01-DEC-1998;
 FEATURES Location/Qualifiers

source 1..18

/organism="unknown"
 /mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
 Best Local Similarity 88.9%; Pred. No. 5.8e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 748 CAGATGGGCTGAGTCA 765
 DB 1 CAGATGGGCTGTGTCA 18

RESULT 625
 AR076416

LOCUS AR076416 18 bp DNA linear PAT 30-AUG-2000
 DEFINITION Sequence 36 from patent US 5958773.
 ACCESSION AR076416
 VERSION AR076416.1 GI:10003162

KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 18)

AUTHORS Monia,B.P. and Cowseert,L.M.
 TITLE Antisense modulation of AKT-1 expression
 JOURNAL Patent: US 5958773-A 36 28-SEP-1999;
 FEATURES Location/Qualifiers

source 1..18

/organism="unknown"
 /mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
 Best Local Similarity 88.9%; Pred. No. 5.8e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3312 GCAGAACCACTGATGA 3329
 DB 1 GCAGAACCAACTGATGA 18

RESULT 626
 AR084528

LOCUS AR084528 18 bp DNA linear PAT 01-SEP-2000
 DEFINITION Sequence 17 from patent US 5961185.
 ACCESSION AR084528
 VERSION AR084528.1 GI:10011299

KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 18)

AUTHORS Watson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
 TITLE Oligonucleotide repeat arrays
 JOURNAL Patent: US 5961185-A 17 09-NOV-1999;
 FEATURES Location/Qualifiers

source 1..18

/organism="unknown"
 /mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
 Best Local Similarity 88.9%; Pred. No. 5.8e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2642 TGCAGCTGCTGCTGCAGC 2659
 DB 1 TGCCTGCTGCTGCTGC 18

RESULT 627
 AR097589/c

LOCUS AR097589 18 bp DNA linear PAT 14-FEB-2001
 DEFINITION Sequence 10 from patent US 6071747.
 ACCESSION AR097589
 VERSION AR097589.1 GI:12806319

KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.

REFERENCE 1 (bases 1 to 18)

AUTHORS Stroberg,A.Domy. and Zilberfarb,V.
 TITLE Immortalized cell lines from human adipose tissue, process for
 preparing same and applications thereof
 JOURNAL Patent: US 6071747-A 10 06-JUN-2000;


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FEATURES
  source
    Location/Qualifiers
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        /organism="unknown"
        /mol_type="unassigned DNA"

Query Match
  Best Local Similarity 88.9%; Score 14.8; DB 1; Length 18;
  Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1264 CTACAGCCCCCAGCCAC 1281
  |||||
  18 CTACAGCTTCACACACAC 1

Db
  RESULT 628
  AR098327
  LOCUS AR098327 18 bp DNA linear PAT 14-FEB-2001
  DEFINITION Sequence 18 from patent US 6075007.
  ACCESSION AR098327
  VERSION AR098327.1 GI:12807584
  KEYWORDS
  SOURCE Unknown.
  ORGANISM Unknown.
  REFERENCE
    1 (bases 1 to 18)
    Economides, A., Stahl, N.R. and Harland, R.M.
    Modified noggin polypeptide and compositions
    Patent: US 6075007-A 18 13-JUN-2000;
    Location/Qualifiers
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        /organism="unknown"
        /mol_type="unassigned DNA"

Query Match
  Best Local Similarity 88.9%; Score 14.8; DB 1; Length 18;
  Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 748 CAGATGGGGCTGAGTCA 765
  |||||
  1 CAGATGTGGCTGTGCTCA 18

Db
  RESULT 629
  AR128932
  LOCUS AR128932 18 bp DNA linear PAT 16-MAY-2001
  DEFINITION Sequence 15 from patent US 6183963.
  ACCESSION AR128932
  VERSION AR128932.1 GI:14116594
  KEYWORDS
  SOURCE Unknown.
  ORGANISM Unknown.
  REFERENCE
    1 (bases 1 to 18)
    Sinnett, D. and Labuda, D.
    Detection of CYP1A1, CYP3A4, CYP2D6 and NAT2 variants by
    PCR-allele-specific oligonucleotide (ASO) assay
    Patent: US 6183963-A 15 06-FEB-2001;
    Location/Qualifiers
      1..18
        /organism="unknown"
        /mol_type="unassigned DNA"

Query Match
  Best Local Similarity 88.9%; Score 14.8; DB 1; Length 18;
  Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4154 GCTTCTCCCTTGAGG 4171
  |||||
  1 GCTTCTCCAGCTTGAGG 18

Db
  RESULT 630
  BD250549/c

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LOCUS BD250549 18 bp DNA linear PAT 17-JUL-2003
DEFINITION Identification of genetic targets for modulation by
oligonucleotides and generation of oligonucleotides for gene
modulation.
ACCESSION BD250549
VERSION BD250549.1 GI:33060319
KEYWORDS JP 2002511276-A/103.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
  1 (bases 1 to 18)
  Cowser, L.M., Baker, B.F., Mcneil, J., Freiler, S.M., Sasmor, H.M.,
  Brooks, D.G., Ohasi, C., Wyatt, J.R., Borchers, A.H. and Vikkars, T.A.
  Identification of genetic targets for modulation by
  oligonucleotides and generation of oligonucleotides for gene
  modulation
  Patent: JP 2002511276-A 103 16-APR-2002;
  ISIS PHARMACEUTICALS INC
  OS Artificial Sequence
  PN JP 2002511276-A/103
  PD 16-APR-2002
  PF 13-APR-1999 JP 2000543647
  PR 60/081483, 28-APR-1998 US 09/067638 PI
  LEX M COMSERT, BRENDA F BAKER, JOHN MCNEIL, SUSAN M FREIER, HENRI PI
  M SASMOR,
  PI DOUGLAS G BROOKS, CARA OHASI, JACQUELINE R WYATT, ALEXANDER H PI
  BORCHERS,
  PI TIMOTHY A VIKKARS
  PC C12N15/09, C07B61/00, C07B61/00, C12Q1/68, G06F17/30, G06F17/50, PC
  C12N15/00
  CC Antisense Oligonucleotide
  FH Key location/Qualifiers
  FT source 1..18 /organism='Artificial Sequence'.

FEATURES
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    Location/Qualifiers
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        /organism="synthetic construct"
        /mol_type="genomic DNA"
        /db_xref="taxon:32630"

Query Match
  Best Local Similarity 88.9%; Score 14.8; DB 1; Length 18;
  Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3269 CTGTGCTTAGTCCAGCC 3286
  |||||
  18 CTGTCTTTGTGCCAGCC 1

Db
  RESULT 631
  BD250804
  LOCUS BD250804 18 bp DNA linear PAT 17-JUL-2003
  DEFINITION Identification of genetic targets for modulation by
  oligonucleotides and generation of oligonucleotides for gene
  modulation.
  ACCESSION BD250804
  VERSION BD250804.1 GI:33060574
  KEYWORDS JP 2002511276-A/358.
  SOURCE synthetic construct
  ORGANISM synthetic construct
  REFERENCE
    1 (bases 1 to 18)
    Cowser, L.M., Baker, B.F., Mcneil, J., Freiler, S.M., Sasmor, H.M.,
    Brooks, D.G., Ohasi, C., Wyatt, J.R., Borchers, A.H. and Vikkars, T.A.
    Identification of genetic targets for modulation by
    oligonucleotides and generation of oligonucleotides for gene
    modulation
    Patent: JP 2002511276-A 358 16-APR-2002;
    ISIS PHARMACEUTICALS INC
    OS Artificial Sequence
    PN JP 2002511276-A/358
    PD 16-APR-2002
    PF 13-APR-1999 JP 2000543647

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PR 13-APR-1998 US 60/081483,28-APR-1998 US 09/067638 PI
LEX M COMSERT,BRENDA F BAKER,JOHN MCNEIL,SUSAN M FREIER,HENRI PI
M SASMOR,
PI DOUGLAS G BROOKS,CARA OHASI,JACQUELINE R WYATT,ALEXANDER H PI
BORCHERS,
PI TIMOTHY A VIKKAS
PC C12N15/09,C07B61/00,C12Q1/68,G06F17/30,G06F17/50, PC
C12N15/00
CC Antisense Oligonucleotide
FH Key Location/Qualifiers
FT source 1..18
FT /organism='Artificial Sequence'.
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3312 GCAGACACACTGGATGA 3329
Db 1 GGAGAACAACTGGATGA 18

RESULT 632
LOCUS 136664 18 bp DNA linear PAT 13-MAY-1997
DEFINITION Sequence 8 from patent US 5607924.
ACCESSION 136664
VERSION 136664.1 GI:2086489
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Magda,D., Seebler,J.L., Iverson,B.L., Sansom,P.I. and Wright,M.
TITLE DNA photocleavage using texaphyrins
JOURNAL Patent: US 5607924-A 8 04-MAR-1997;
FEATURES
source Location/Qualifiers
1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4398 GAAAGACAGAAAGATGA 4415
Db 18 GAAAGAAAGAAAGAGA 1

RESULT 633
LOCUS 154512 18 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 2253 from patent US 5646042.
ACCESSION 154512
VERSION 154512.1 GI:2475715
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE C-myc targeted ribozymes
JOURNAL Patent: US 5646042-A 2253 08-JUL-1997;
FEATURES
source Location/Qualifiers
1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2518 TTTGGGGCATCAACCA 2535
Db 18 TTTGGGGCATCTGCCACA 1

RESULT 634
LOCUS AR231296/c 18 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 33 from patent US 6451968.
ACCESSION AR231296
VERSION AR231296.1 GI:27272227
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Egholm,M., Nielsen,P., Buchardt,O., Dueholm,K.L., Christensen,L.,
Coull,J.M., Kiely,J. and Griffith,M.
TITLE Peptide nucleic acids
JOURNAL Patent: US 6451968-A 33 17-SEP-2002;
FEATURES
source Location/Qualifiers
1..18
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5396 AAAATACAAAAAGAAA 5413
Db 18 AAAAGAAAAAGAAAA 1

RESULT 635
LOCUS AR268896 18 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 18 from patent US 6500640.
ACCESSION AR268896
VERSION AR268896.1 GI:29699616
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Economides,A., Stahl,N.E. and Harland,R.M.
TITLE Nucleic acid molecules encoding modified dorsal tissue affecting factor
JOURNAL Patent: US 6500640-A 18 31-DEC-2002;
FEATURES
source Location/Qualifiers
1..18
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 748 CAGATGGGCTGAGTCA 765
Db 1 CAGATCTGGCTGTGCTCA 18

RESULT 636
LOCUS AR293710 18 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 5445 from patent US 6537751.
ACCESSION AR293710

```

VERSION      AR293710.1  GI:31680994
KEYWORDS
SOURCE       Unknown.
ORGANISM     Unclassified.
REFERENCE    1 (bases 1 to 18)
AUTHORS      Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE        Biallelic markers for use in constructing a high density
              disequilibrium map of the human genome
JOURNAL      Patent: US 6537751-A 5445 25-MAR-2003;
              Location/Qualifiers
FEATURES
  source     1..18
              /organism="unknown"
              /mol_type="genomic DNA"

Query Match      0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4406 AGAAGATGAGACTCTGG 4423
Db      1 AGACAGATCAGACTCTGG 18

RESULT 637
LOCUS      AR294364/c      18 bp      DNA
DEFINITION Sequence 6099 from patent US 6537751.
ACCESSION  AR294364
VERSION     AR294364.1  GI:31681648
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE    1 (bases 1 to 18)
AUTHORS      Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE        Biallelic markers for use in constructing a high density
              disequilibrium map of the human genome
JOURNAL      Patent: US 6537751-A 6099 25-MAR-2003;
              Location/Qualifiers
FEATURES
  source     1..18
              /organism="unknown"
              /mol_type="genomic DNA"

Query Match      0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      568 CTGAGAGAGAGAGCTG 585
Db      18 CTGAGAGAGAGGCTCTG 1

RESULT 638
LOCUS      AX078827      18 bp      DNA
DEFINITION Sequence 1 from Patent WO0105963.
ACCESSION  AX078827
VERSION     AX078827.1  GI:13158444
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE    1
AUTHORS      Fundytus,M.E., Coderre,T.J., Cohen,S.R., Henry,J.L. and Vainio,A.
TITLE        Antisense oligonucleotides for metabotropic glutamate receptor type
JOURNAL      Patent: WO 0105963-A 1 25-JAN-2001;
              Location/Qualifiers
FEATURES
  source     1..18
              /organism="Homo sapiens"

Query Match      0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2500 TATGAAATACATGCTG 2517
Db      1 TATGAAATACATGCTG 2517

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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2856 ATGGAGCCCGACCATGCT 2873
Db      1 AAGGAGCCCGACCATGCT 18

RESULT 639
LOCUS      AX078857      18 bp      DNA
DEFINITION Sequence 31 from Patent WO0105963.
ACCESSION  AX078857
VERSION     AX078857.1  GI:13158474
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE    1
AUTHORS      Fundytus,M.E., Coderre,T.J., Cohen,S.R., Henry,J.L. and Vainio,A.
TITLE        Antisense oligonucleotides for metabotropic glutamate receptor type
JOURNAL      Patent: WO 0105963-A 31 25-JAN-2001;
              Location/Qualifiers
FEATURES
  source     1..18
              /organism="Homo sapiens"
              /mol_type="unassigned DNA"
              /db_xref="taxon:9606"

Query Match      0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2859 GAGCCCGACCATGCTAGT 2876
Db      1 GAGCCCGACCATGCTAGT 18

RESULT 640
LOCUS      AX530375/c      18 bp      DNA
DEFINITION Sequence 98 from Patent WO0240668.
ACCESSION  AX530375
VERSION     AX530375.1  GI:25173263
KEYWORDS
SOURCE      synthetic construct
ORGANISM    synthetic construct
REFERENCE    1
AUTHORS      Tschopp,J. and Martinon,F.
TITLE        Proteins and dna sequences underlying these proteins used for
              treating inflammations
JOURNAL      Patent: WO 0240668-A 98 23-MAY-2002;
              Apotech Research and Development Ltd. (CH)
              Location/Qualifiers
FEATURES
  source     1..18
              /organism="synthetic construct"
              /mol_type="unassigned DNA"
              /db_xref="taxon:32630"
              /note="Primer JT1526"

Query Match      0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2500 TATGAAATACATGCTG 2517
Db      1 TATGAAATACATGCTG 2517

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Db 18 TATGGATCTAGGCCTG 1

RESULT 641
LOCUS AX598368/c 18 bp DNA linear PAT 14-FEB-2003
DEFINITION Sequence 642 from Patent WO0244994.
ACCESSION AX598368
VERSION AX598368.1 GI:28398544
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1
Brower, A., Brow, M.A., Cracauer, R.F., Fors, L., Granske, R., de arruda
Indig, M., Kurensky, D., Luoewke, C., Lukowski, A.A., Lyamichev, V.,
Neri, B.P., Reimer, N.D., Roeyven, R.T., Skrzypczynski, Z., Ziarno, W.A.,
Comerford, J., Stump, S. and Viegut, D.D.
TITLE Systems and method for detection assay production and sale
JOURNAL Patent: WO 0244994-A 642 06-JUN-2002;
THIRD WAVE TECHNOLOGIES, INC. (US)
FEATURES
source 1. 18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2642 TGCAGCTGCTGCTGCAGC 2659
18 TCGTCTGCTGCTGCTGC 1

RESULT 642
LOCUS AX797874 18 bp DNA linear PAT 04-OCT-2003
DEFINITION Sequence 148 from Patent WO03051916.
ACCESSION AX797874
VERSION AX797874.1 GI:37518217
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1
Edwards, A., Dharamsi, A., Vedadi, M., Alam, M.Z., Houston, S.,
Pinder, B., Ng, I., Lam, R. and Kimber, M.
TITLE Novel purified polypeptides from *Streptococcus pneumoniae*
JOURNAL Patent: WO 03051916-A 148 26-JUN-2003;
Affinium Pharmaceuticals, Inc. (CA)
FEATURES
source 1. 18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="sample primers"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1795 GAGCTCTGTGCACTGG 1812
1 GAGTTCTGTATGCACTGG 18

RESULT 643
LOCUS AX797883 18 bp DNA linear PAT 04-OCT-2003
DEFINITION Sequence 157 from Patent WO03051916.
ACCESSION AX797883

VERSION AX797883.1 GI:37518226
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1
Edwards, A., Dharamsi, A., Vedadi, M., Alam, M.Z., Houston, S.,
Pinder, B., Ng, I., Lam, R. and Kimber, M.
TITLE Novel purified polypeptides from *Streptococcus pneumoniae*
JOURNAL Patent: WO 03051916-A 157 26-JUN-2003;
Affinium Pharmaceuticals, Inc. (CA)
FEATURES
source 1. 18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="sample primers"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1795 GAGCTCTGTGCACTGG 1812
1 GAGTTCTGTATGCACTGG 18

RESULT 644
LOCUS AX809686 18 bp DNA linear PAT 25-NOV-2003
DEFINITION Sequence 148 from Patent WO03052099.
ACCESSION AX809686
VERSION AX809686.1 GI:38523841
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1
Chen, T., Li, J. and Chen, T.M.
TITLE Methods of parallel gene cloning and analysis
JOURNAL Patent: WO 03052099-A 148 26-JUN-2003;
CHEN, Tao (CA) ; Li, Jinghan (CA)
FEATURES
source 1. 18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="sample primers"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1795 GAGCTCTGTGCACTGG 1812
1 GAGTTCTGTATGCACTGG 18

RESULT 645
LOCUS AX809695 18 bp DNA linear PAT 25-NOV-2003
DEFINITION Sequence 157 from Patent WO03052099.
ACCESSION AX809695
VERSION AX809695.1 GI:38523850
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1
Chen, T., Li, J. and Chen, T.M.
TITLE Methods of parallel gene cloning and analysis
JOURNAL Patent: WO 03052099-A 157 26-JUN-2003;
CHEN, Tao (CA) ; Li, Jinghan (CA)

FEATURES
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1.18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="sample primers"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1795 GAGCTGTGTGCACTGG 1812
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1 GAGTCTGTATGCACTGG 18

RESULT 646
BD073241 18 bp DNA linear PAT 27-AUG-2002
LOCUS Modified factor and composition influencing the dorsal tissue.
ACCESSION BD073241
VERSION BD073241.1 GI:22618844
KEYWORDS JP 2001510044-A/11.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 18)
AUTHORS Stahl,N., Harland,R.M. and Economides,A.N.
TITLE Modified factor and composition influencing the dorsal tissue
JOURNAL Patient: JP 2001510044-A 11 31-JUL-2001;
REGENERON PHARMACEUTICALS INC, THE REGENTS OF THE UNIVERSITY OF
CALIFORNIA
OS Artificial Sequence
PN JP 2001510044-A/11
PD 31-JUL-2001
PE 17-JUL-1998 JP 2000503202
PR 17-JUL-1997 US 08/897236
P1 NEIL STAHL, RICHARD M HARLAND, ARIS N ECONOMIDES PC
C12N15/09,A61K38/00,A61P19/08,C07K14/52,C12N1/15,C12N1/19, PC
C12N1/21,
PC C12N5/10,C12N15/00,A61K37/02,C12N5/00
CC Description of Artificial Sequence:primer
FH Key Location/Qualifiers
FT source 1.18
FT Location/Qualifiers
FEATURES
source
1.18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 748 CAGATGGGCTGAGTCA 765
|||||
1 CAGATGGGCTGAGTCA 18

RESULT 647
BD088360 18 bp DNA linear PAT 27-AUG-2002
LOCUS A method of arraying genome clone.
DEFINITION BD088360
ACCESSION BD088360
VERSION BD088360.1 GI:22633970
KEYWORDS JP 2001321190-A/604.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 18)
AUTHORS Soeda,E.
TITLE A method of arraying genome clone

JOURNAL
Patent: JP 2001321190-A 604 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECs
COMMENT
OS Artificial Sequence
PN JP 2001321190-A/604
PD 20-NOV-2001
PE 12-MAR-2001 JP 2001068285
P1 EIICHI SOEDA
PC C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC
C12N15/00,
PC C12N15/00
CC Description of Artificial Sequence:Synthetic DNA FH Key
Location/Qualifiers
FT source 1.18
FT Location/Qualifiers
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source
1.18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4003 GTGAAGCTGTGCACTC 4020
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18 GTGCACTGTGTGCACTC 1

RESULT 648
AB067907 18 bp DNA linear SYN 21-MAY-2003
LOCUS Synthetic construct DNA, reverse primer for human STS sts-stSG26879
DEFINITION at 1p36.
ACCESSION AB067907
VERSION AB067907.1 GI:15128711
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K.,
Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mitsuhashi,H.,
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
and Soeda,E.
A BAC-based STS-content map spanning a 35-Mb region of human
chromosome 1p35-p36
JOURNAL Genomics 74 (1), 55-70 (2001)
MEDLINE 21269192
PubMed 11374902
REFERENCE 2 (bases 1 to 18)
AUTHORS Horii,A.
TITLE Direct Submission
JOURNAL Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,
Tel:81-22-717-8042, Fax:81-22-717-8047)
Location/Qualifiers
FEATURES
source
1.18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4003 GTGAAGCTGTGCACTC 4020
|||||
18 GTGCACTGTGTGCACTC 1

	Db	18	GTCGACCTGTGCACATC	1		
RESULT_649	LOCUS	AR074770		19 bp	DNA linear PAT 28-AUG-2000	
	DEFINITION	Sequence 67 from patent US 5955276.				
	ACCSSION	AR074770				
	VERSION	AR074770.1	GI:10001523			
	KEYWORDS	.				
	SOURCE	Unknown.				
	ORGANISM	Unknown.				
	REFERENCE	Unclasiified. 1 (bases 1 to 19)				
	AUTHORS	Morgante,M. and Vogel,J.Marie.				
	TITLE	Compound microsatellite primers for the detection of genetic polymorphisms				
JOURNAL	Patent:	US 5955276-A 67 21-SEP-1999;				
FEATURES	Location/Qualifiers					
source	1..19 /organism="unknown" /mol_type="unassigned DNA"					
Query Match	0.3%;	Score 14.8;	DB 1;	Length 19;		
Best Local Similarity	88.9%;	Fred. No. 6e+02;				
Matches 16;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;		
CY	1180 AGAGAAAGAGAGAGAG 1197					
Db	18 ATGAGAGAGAGAGAGAG 1					
RESULT_650	LOCUS	BD175454		19 bp	DNA linear PAT 18-MAR-2003	
	DEFINITION	Secretory and transmembrane polypeptide and nucleic acid encoding				
	ACCESSION	BD175454				
	VERSION	BD175454.1	GI:29121152			
	KEYWORDS	JP 2002253280-A/236.				
	SOURCE	synthetic construct				
	ORGANISM	artificial sequences.				
	REFERENCE	1 (bases 1 to 19) Wood,W.I., Gurney,A.L., Goddard,A., Penrice,D., Zheng,J. and Yuan,J.				
	TITLE	Secretory and transmembrane polypeptide and nucleic acid encoding				
	JOURNAL	Patent: JP 2002253280-A 236 10-SEP-2002; GENENTECH INC				
	COMMENT	OS Artificial Sequence PN JP 2002253280-A/236 PD 10-SEP-2002 PF 18-DEC-2001 JP 2001385319 PR 17-SEP-1997 US 60/059115,17-SEP-1997 US 60/059184 PR 17-SEP-1997 US 60/059122,17-SEP-1997 US 60/059121 PR 17-SEP-1997 US 60/059113,17-SEP-1997 US 60/059263 PR 18-SEP-1997 US 60/059119,18-SEP-1997 US 60/062125 PR 18-SEP-1997 US 60/059266,15-OCT-1997 US 60/062285 PR 17-OCT-1997 US 60/062287,15-OCT-1997 US 60/062816 PR 21-OCT-1997 US 60/063486,24-OCT-1997 US 60/063127 PR 24-OCT-1997 US 60/063120,24-OCT-1997 US 60/063121 PR 24-OCT-1997 US 60/063045,24-OCT-1997 US 60/063128 PR 27-OCT-1997 US 60/063329,27-OCT-1997 US 60/063327 PR 28-OCT-1997 US 60/063549,28-OCT-1997 US 60/063541 PR 28-OCT-1997 US 60/063550,28-OCT-1997 US 60/063542 PR 28-OCT-1997 US 60/063544,28-OCT-1997 US 60/063564 PR 29-OCT-1997 US 60/063734,29-OCT-1997 US 60/063738 PR 29-OCT-1997 US 60/063704,29-OCT-1997 US 60/063435 PR 29-OCT-1997 US 60/064215,29-OCT-1997 US 60/063735 PR 29-OCT-1997 US 60/063733,31-OCT-1997 US 60/064103 PR				

Query Match	Best Local Similarity	Matches	Score	Pred.	No.	DB	Length	Indels	Gaps
31-0CT-1997 US	0.3%	0	14.8	1	19	60/064748 PR	60/065186 PR	0	0
07-NOV-1997 US	88.9%	0	14.8	1	19	60/065846 PR	60/065893 PR	0	0
17-NOV-1997 US	0.3%	0	14.8	1	19	60/066120, 21-NOV-1997 US	60/066164 PR	0	0
21-NOV-1997 US	0.3%	0	14.8	1	19	60/066772, 24-NOV-1997 US	60/066511 PR	0	0
24-NOV-1997 US	0.3%	0	14.8	1	19	60/066770, 24-NOV-1997 US	60/066840 PI	0	0
24-NOV-1997 US	0.3%	0	14.8	1	19	60/066453, 25-NOV-1997 US	60/066840 PI	0	0
WILLIAM I WOOD, AUSTIN L GURNEY, AUDREY GODDARD, DIANE PENNICA, PI	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI	0	0
JIAN ZHENG, YUAN	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI	0	0
PI JEAN YUDAN	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI	0	0
PC C12N15/09, A61K45/00, A61P1/00, A61P13/12, A61P17/00, A61P17/06, PC	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI	0	0
A61P25/00, A61P25/16, A61P25/28, A61P31/12, A61P35/00, C07K44/47, C07K46/18, PC	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI	0	0
C07K49/00, PC C12N1/19, C12N1/21, C12N5/10//A61K38/00, A61K39/395, A61K39/395, PC	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI	0	0
A61P43/00, PC A61P43/08, (C12N1/19, C12R1:645), (C12N1/21, C12R1:19), (C12N5/10, PC	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI	0	0
C12R1:91), PC C12N15/00, C12N5/00, A61K37/02, (C12N5/00, C12R1:91) CC	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI	0	0
Description of Artificial Sequence: Synthetic FH Key	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI	0	0
Location/Qualifiers	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI	0	0
FT source	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI	0	0
Location/Qualifiers	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI	0	0
1.19	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI	0	0
/organism="Artificial Sequence".	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI	0	0
/organism="synthetic construct"	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI	0	0
/mol_type="genomic DNA"	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI	0	0
/db_xref="taxon:32630"	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI	0	0
2099 CCTGCACCTTGCCCTGATGC 2116	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI	0	0
16; Conservative	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI	0	0
2 CCTGCAGTTTCTCATGC 19	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI	0	0
RESULT 651	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI	0	0
C0759005/c	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI	0	0
LOCUS	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI	0	0
DEFINITION	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI	0	0
Sequence 129 from Patent WO2003104489.	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI	0	0
Accession	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI	0	0
C0759005	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI	0	0
VERSION	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI	0	0
C0759005.1 GI:44849009	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI	0	0
KEYWORDS	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI	0	0
SOURCE	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI	0	0
ORGANISM	0.3%	0	14.8	1	19	60/066840 PI	60/066840 PI		

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DEFINITION Sequence 32 from Patent EP1405921.
ACCESSION CQ796060
VERSION CQ796060.1 GI:46407890
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Mirel,D.B., Erlich,H.A., Bugawan,T.L., Noble,J.A. and Valdez,A.M.
TITLE Detection of susceptibility to autoimmune diseases, especially type
1 diabetes
JOURNAL Patent: EP 1405921-A 32 07-APR-2004;
Roche Diagnostics GmbH (DE); F. HOFMANN-LA ROCHE AG (CH)
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/notes="Description of artificial sequence: Amplicon
primer"

Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3965 CAGGGCCTCTGCTGACCA 3982
Db 2 CTGGGCTCTGCTGCTCA 19

RESULT 653
LOCUS CQ800912 19 bp DNA linear PAT 05-MAY-2004
DEFINITION Sequence 85 from Patent WO2004031410.
ACCESSION CQ800912
VERSION CQ800912.1 GI:47057706
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Nakamura,Y. and Katagiri,T.
TITLE Method for diagnosing testicular seminomas
JOURNAL Patent: WO 2004031410-A 85 15-APR-2004;
Oncotherapy Science, Inc. (JP); Japan as represented by the
President of the university o f Tokyo (JP)
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Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5427 GAATAGAGACTTACTAC 5444
Db 18 GAATAGAGAGTCTCTAC 1

RESULT 654
LOCUS E40068 19 bp DNA linear PAT 31-JAN-2002
DEFINITION Drug containing anti-Fas antibody.
ACCESSION E40068
VERSION E40068.1 GI:18627184
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 19)

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AUTHORS Serizawa,N., Haruyama,H., Takahashi,W., Yoshida,H., Ichikawa,K.,
Okuma,J., Otsuki,M., Shiraishi,A. and Yonehara,S.
TITLE Drug containing anti-Fas antibody
JOURNAL Patent: JP 2000169393-A 65 20-JUN-2000;
SANKYO CO LTD
COMMENT
OS Artificial Sequence
PN JP 2000169393-A/65
PD 20-JUN-2000
PR 30-SEP-1999 JP 1999278301
PI NOBUKI SERIZAWA,HIDEYUKI HARUYAMA,WATARU TAKAHASHI, PI
HIROKO YOSHIDA,
PI KIMIHISA ICHIKAWA,JUN OKUMA,MASAHICO OTSUKI,AKIO SHIRAISHI, PI
SHIN YONEHARA
PC A61K39/395,A61K39/395,A61K39/00,A61P1/16,A61P7/06,A61P9/00, PC
A61P9/10,
PC A61P13/12,A61P31/18,A61P37/06,C12N5/10,C12N15/02,C12N15/09, PC
C12P21/08//
PC C07K16/28,C12N5/00,C12N15/00,C12N15/00
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FH Key Location/Qualifiers
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Qy 3065 GCCTACACCTGAGGACT 3082
Db 1 GCCTGACATCTGAGGACT 18

RESULT 655
LOCUS E40069 19 bp DNA linear PAT 31-JAN-2002
DEFINITION Drug containing anti-Fas antibody.
ACCESSION E40069
VERSION E40069.1 GI:18627185
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Serizawa,N., Haruyama,H., Takahashi,W., Yoshida,H., Ichikawa,K.,
Okuma,J., Otsuki,M., Shiraishi,A. and Yonehara,S.
TITLE Drug containing anti-Fas antibody
JOURNAL Patent: JP 2000169393-A 66 20-JUN-2000;
SANKYO CO LTD
COMMENT
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PN JP 2000169393-A/66
PD 20-JUN-2000
PR 30-SEP-1999 JP 1999278301
PI NOBUKI SERIZAWA,HIDEYUKI HARUYAMA,WATARU TAKAHASHI, PI
HIROKO YOSHIDA,
PI KIMIHISA ICHIKAWA,JUN OKUMA,MASAHICO OTSUKI,AKIO SHIRAISHI, PI
SHIN YONEHARA
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A61P9/10,
PC A61P13/12,A61P31/18,A61P37/06,C12N5/10,C12N15/02,C12N15/09, PC
C12P21/08//
PC C07K16/28,C12N5/00,C12N15/00,C12N15/00
CC
FH Key Location/Qualifiers
FT source 1..19
/organism="Artificial Sequence".
/notes="taxon:32630"

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/notes="taxon:32630"

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/mol_type="genomic DNA"
/db_xref="taxon:32630"

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Best Local Similarity 88.9%; Score 14.8; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3065 GCCTCAGCTGAGACT 3082
DB 19 GCCTGACATCTGAGACT 2

RESULT 656
LOCUS E40876 19 bp DNA linear PAT 31-JUN-2002
DEFINITION Humanized anti-Fas antibody.
ACCESSION E40876
VERSION E40876.1 GI:18627453
KEYWORDS JP 2000166574-A/65.
SOURCE synthetic construct
ORGANISM artificial sequences.
1 (bases 1 to 19)
REFERENCE Serizawa,N., Haryuama,H., Nakahara,K. and Tamaki,I.
AUTHORS Humanized anti-Fas antibody
TITLE Patent: JP 2000166574-A 65 20-JUN-2000;
JOURNAL SANKYO CO LTD

COMMENT OS Artificial Sequence
PN JP 2000166574-A/65
PD 20-JUN-2000
PF 29-SEP-1999 JP 1999275441
PR NOBUKI SERIZAWA, HIDEYUKI HARYUAMA, KAOI NAKAHARA, IKUO TAMAKI
PC C12N15/09,A61K39/00,A61K39/395,A61P37/02,A61P43/00,
PC C07K16/18,
PC C12N1/21,C12N5/10,C12P21/08//C12N1/21,C12R1.19,C12N15/00, PC
C12N5/00
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/mol_type="genomic DNA"
/db_xref="taxon:32630"

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Query Match
Best Local Similarity 88.9%; Score 14.8; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3065 GCCTCAGCTGAGACT 3082
DB 1 GCCTGACATCTGAGACT 18

RESULT 657
LOCUS E40877/c 19 bp DNA linear PAT 31-JUN-2002
DEFINITION Humanized anti-Fas antibody.
ACCESSION E40877
VERSION E40877.1 GI:18627454
KEYWORDS JP 2000166574-A/66.
SOURCE synthetic construct
ORGANISM artificial sequences.
1 (bases 1 to 19)
REFERENCE Serizawa,N., Haryuama,H., Nakahara,K. and Tamaki,I.
AUTHORS Humanized anti-Fas antibody
TITLE Patent: JP 2000166574-A 66 20-JUN-2000;
JOURNAL SANKYO CO LTD
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COMMENT OS Artificial Sequence
PN JP 2000166574-A/66
PD 20-JUN-2000
PF 29-SEP-1999 JP 1999275441
PR NOBUKI SERIZAWA, HIDEYUKI HARYUAMA, KAOI NAKAHARA, IKUO TAMAKI
PC C12N15/09,A61K39/00,A61K39/395,A61P37/02,A61P43/00,
PC C07K16/18,
PC C12N1/21,C12N5/10,C12P21/08//C12N1/21,C12R1.19,C12N15/00, PC
C12N5/00
CC Key Location/Qualifiers
FH source 1.19 /organism='Artificial Sequence'.
FT Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match
Best Local Similarity 88.9%; Score 14.8; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3065 GCCTCAGCTGAGACT 3082
DB 1 GCCTGACATCTGAGACT 18

RESULT 658
LOCUS E43422 19 bp DNA linear PAT 31-JUN-2002
DEFINITION Humanized anti-Fas antibody.
ACCESSION E43422
VERSION E43422.1 GI:18627688
KEYWORDS JP 2000166573-A/65.
SOURCE synthetic construct
ORGANISM artificial sequences.
1 (bases 1 to 19)
REFERENCE Takahashi,W., Haryuama,H. and Serizawa,N.
AUTHORS Humanized anti-Fas antibody
TITLE Patent: JP 2000166573-A 65 20-JUN-2000;
JOURNAL SANKYO CO LTD

COMMENT OS Artificial Sequence
PN JP 2000166573-A/65
PD 20-JUN-2000
PF 29-SEP-1999 JP 1999275440
PR WATARU TAKAHASHI, HIDEYUKI HARYUAMA, NOBUKI SERIZAWA
PC C12N15/09,A61K38/00,A61K39/00,A61K39/395,A61P37/00, PC
A61P43/00,
PC C07K16/28,C12N1/21,C12N5/10,C12N15/02,C12P21/08//C12P21/08,
PC C12R1.91,A61K37/02,C12N5/00,C12N15/00
PC C12N15/00,A61K37/02,C12N5/00,C12N15/00
CC Key Location/Qualifiers
FH source 1.19 /organism='Artificial Sequence'.
FT Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match
Best Local Similarity 88.9%; Score 14.8; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3065 GCCTCAGCTGAGACT 3082
DB 1 GCCTGACATCTGAGACT 18
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RESULT 659
E43423/C 19 bp DNA linear PAT 31-JAN-2002
LOCUS E43423
DEFINITION Humanized anti-Fas antibody.
ACCESSION E43423.1 GI:18627689
VERSION JP 2000166573-A/66.
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 19)
AUTHORS Takahashi, W., Hanyama, H. and Serizawa, N.
TITLE Humanized anti-Fas antibody
JOURNAL Patent: JP 2000166573-A 66 20-JUN-2000;
SANKYO CO LTD
COMMENT OS Artificial Sequence
PN JP 2000166573-A/66
PD 20-JUN-2000
PE 29-SEP-1999 JP 1999275440
PR
PI WAKABU TAKAHASHI, HIDEYUKI HANYAMA, NOBUKI SERIZAWA PC
C12N15/09,A61K38/00,A61K39/395,A61K39/395,A61P37/00, PC
A61P43/00,
PC C07K16/28,C12N1/21,C12N5/10,C12N15/02,C12P21/08/(C12P21/08,
PC C12R1/91),
PC C12N15/00,A61K37/02,C12N5/00,C12N15/00
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FH Key
FT source
FT Location/Qualifiers
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/db_xref="taxon:32630"

Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3065 GCCTCAGCTGAGACT 3082
DB 19 GCCTGACATCTGAGACT 2

RESULT 660
AR233774 19 bp DNA linear PAT 20-DEC-2002
LOCUS AR233774
DEFINITION Sequence 136 from patent US 6458536.
ACCESSION AR233774
VERSION AR233774.1 GI:27276398
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Gatti, R.A.
TITLE Modified SSCP method using sequential electrophoresis of multiple
nucleic acid segments
JOURNAL Patent: US 6458536-A 136 01-OCT-2002;
FEATURES Location/Qualifiers
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Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5213 GTGATTCCTTGCTTGT 5230
DB 2 GTGATTCCTTGCTTGT 19

RESULT 661
AR410833 19 bp DNA linear PAT 18-DEC-2003
LOCUS AR410833
DEFINITION Sequence 286 from patent US 6635468.
ACCESSION AR410833
VERSION AR410833.1 GI:40162333
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Ashkenazi, A., Botstein, D., Desnoyers, L., Eaton, D.L., Ferrara, N.,
Filvaroff, E., Fong, S., Gao, W.-O., Gerber, H., Gerritsen, M.E.,
Goddard, A., Godowski, P.J., Grimaldi, J.C., Gurney, A.L., Hillan, K.J.,
Klajavin, I.J., Mather, J.P., Pan, J., Paoni, N.F., Roy, M.A.,
Stewart, T.A., Tumas, D., Williams, P.M. and Wood, W.I.
TITLE Secreted and transmembrane polypeptides and nucleic acids encoding
the same
JOURNAL Patent: US 6635468-A 286 21-OCT-2003;
FEATURES Location/Qualifiers
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Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2099 CCTGCACTTGCTGATGC 2116
DB 2 CCTGCACTTGCTGATGC 19

RESULT 662
AR439197 19 bp DNA linear PAT 20-FEB-2004
LOCUS AR439197
DEFINITION Sequence 286 from patent US 6664376.
ACCESSION AR439197
VERSION AR439197.1 GI:42665046
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Ashkenazi, A., Botstein, D., Desnoyers, L., Eaton, D.L., Ferrara, N.,
Filvaroff, E., Fong, S., Gao, W.-O., Gerber, H., Gerritsen, M.E.,
Goddard, A., Godowski, P.J., Grimaldi, J.C., Gurney, A.L., Hillan, K.J.,
Klajavin, I.J., Mather, J.P., Pan, J., Paoni, N.F., Roy, M.A.,
Stewart, T.A., Tumas, D., Williams, P.M. and Wood, W.I.
TITLE Secreted and transmembrane polypeptides and nucleic acids encoding
the same
JOURNAL Patent: US 6664376-A 286 16-DEC-2003;
FEATURES Location/Qualifiers
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/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2099 CCTGCACTTGCTGATGC 2116
DB 2 CCTGCACTTGCTGATGC 19

RESULT 663
AR444868 19 bp DNA linear PAT 20-FEB-2004
LOCUS AR444868/C
DEFINITION Sequence 90 from patent US 6670465.
ACCESSION AR444868

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VERSION AR444868.1 GI:42672727
KEYWORDS
SOURCE
ORGANISM
REFERENCE
  1 (bases 1 to 19)
AUTHORS Bech-Hansen,T. and Naylor,M.J.
TITLE Retinal calcium channel (alpha)1F-subunit gene
JOURNAL Patent: US 6670465-A 90 30-DEC-2003;
FEATURES
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Query Match
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Best Local Similarity 88.9%; Pred. No. 6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1432 GTGAGAGAGATCGAGGA 1449
DB 19 GTGAGAGAGATCGAGGA 2

RESULT 664
AR473217
LOCUS AR473217 19 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 286 from patent US 6686451.
ACCESSION AR473217
VERSION AR473217.1 GI:42708592
KEYWORDS
SOURCE
ORGANISM
REFERENCE
  1 (bases 1 to 19)
AUTHORS Desnoyers,L., Goddard,A., Godowski,P.J., Gurney,A.L., Mather,J.P.,
  Williams,P.M. and Wood,W.I.
TITLE Secreted and transmembrane polypeptides and nucleic acids encoding
  the same
JOURNAL Patent: US 6686451-A 286 03-FEB-2004;
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Best Local Similarity 88.9%; Pred. No. 6e+02;
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QY 2099 CCTGCACCTGCTGATGC 2116
DB 2 CCTGCAGTTTCCTGATGC 19

RESULT 665
AX252279/c
LOCUS AX252279 19 bp DNA linear PAT 05-OCT-2001
DEFINITION Sequence 5 from Patent WO0168147.
ACCESSION AX252279
VERSION AX252279.1 GI:15985621
KEYWORDS
SOURCE
  Homo sapiens (human)
ORGANISM
  Homo sapiens
  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
  Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
  1 Bianchi,N., Pericotto,G., Gambati,R. and Mischietti,C.
  Synthetic oligonucleotides as inducers of erythroid differentiation
  Patent: WO 0168147-A 5 20-SEP-2001;
  Universita' Degli Studi di Ferrara (IT) ; ASSOCIAZIONE VENETA PER
  LA LOTTA ALLA TALASSEMIA (IT) ; ASSOCIAZIONE PER LA LOTTA ALLA
  TALASSEMIA DI FERRARA (IT) ; CHIESI FARMACEUTICI S.p.A. (IT)
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/organism="Homo sapiens"
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Query Match
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Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5403 AAAAAAGAAAAATGAAA 5420
DB 19 AAAAAAGAAAAAGAGAAA 2

RESULT 666
AX259212/c
LOCUS AX259212 19 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 10 from Patent WO0173087.
ACCESSION AX259212
VERSION AX259212.1 GI:16508458
KEYWORDS
SOURCE
  synthetic construct
ORGANISM
  synthetic construct
  artificial sequences.
REFERENCE
  1 Hohn,T., Stավolone,L., de Haan,P.T., Ligou,H.T. and Kononova,M.
  Cestrurn yellow leaf curling virus promoters
  Patent: WO 0173087-A 10 04-OCT-2001;
  Syngenta Participations AG (CH)
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    /db_xref="taxon:32630"
    /note="Oligonucleotide"

Query Match
  0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1071 GGGAGCTGGGAGATCCC 1088
DB 19 GGGAGATTGGGAGATCCC 2

RESULT 667
AX326952
LOCUS AX326952 19 bp DNA linear PAT 07-JAN-2002
DEFINITION Sequence 148 from Patent WO0178894.
ACCESSION AX326952
VERSION AX326952.1 GI:18097663
KEYWORDS
SOURCE
  synthetic construct
ORGANISM
  synthetic construct
  artificial sequences.
REFERENCE
  1 Ketch,T.
  Novel human gene relating to respiratory diseases, obesity, and
  inflammatory bowel disease
  Patent: WO 0178894-A 148 25-OCT-2001;
  Genome Therapeutics Corp. (US)
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    /db_xref="taxon:32630"
    /note="Primer"

Query Match
  0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4145 AAAACCCAGCTTCGCC 4162
DB 11 AAAACCCAGCTTCGCC 11
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Db 1 AAAGCAGAGCTTCTCCC 18

RESULT 668
LOCUS AX329290/c
DEFINITION Sequence 26 from Patent WO0194387.
ACCESSION AX329290
VERSION AX329290.1 GI:18102305
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Kirchhoff, C. and Iwells, R.
TITLE EpiIdYmB-specific proteins with fibronectin type II modules
JOURNAL Patent: WO 0194387-A 26 13-DEC-2001;
IHF INSTITUT FUER HORMON- UND FORTEPFLANZUNGSFORSCHUNG GmbH (DE)
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="CE12 Primer"

Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 2;

QY 333 CTGGCTTTTCTACACT 350
Db 19 CTGGCTTTTCTACACT 2

RESULT 669
LOCUS AX440559/c
DEFINITION Sequence 63 from Patent WO0206529.
ACCESSION AX440559
VERSION AX440559.1 GI:21665360
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Germino, G.G., Wainick, T.J. and Phakdeekitcharoen, B.
TITLE Detection and treatment of polycystic kidney disease
JOURNAL Patent: WO 0206529-A 63 24-JAN-2002;
The Johns Hopkins University School of Medicine (US)
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/organism="synthetic construct"
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/note="PCR primer 13R"

Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 2;

QY 3276 TAGTGCAGCCGAGCCT 3293
Db 19 TTGTCCAGCCGAGCCT 2

RESULT 670
LOCUS AX697695
DEFINITION Sequence 286 from Patent WO0104311.
ACCESSION AX697695
VERSION AX697695.1 GI:29498779
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS
TITLE
JOURNAL
FEATURES
source 1..19 bp DNA linear PAT 02-APR-2003
synthetic construct

ORGANISM
synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Ashkenazi, A.J., Botstein, D., Desnoyers, L., Eaton, D.L., Ferrara, N.,
Filvaroff, E., Fong, S., Gao, W.Q., Gerber, H., Gertsen, M.B.,
Goddard, A., Godowski, P.J., Grimaldi, C.J., Gurney, A.L., Hillan, K.J.,
Kjilavik, I.J., Mather, J.P., Pan, J., Paoletti, N.F., Roy, M.A.,
Stewart, T.A., Tamas, D., Williams, P.M. and Wood, W.I.
TITLE Secreted and transmembrane polypeptides and nucleic acids encoding
JOURNAL the same
Patent: WO 0104311-A 286 18-JAN-2001;
Genentech Inc. (US)
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/organism="synthetic construct"
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/note="Synthetic Oligonucleotide Probe"

Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 2;

QY 2099 CCTGCACCTGCTGATGC 2116
Db 2 CCTGCACCTGCTGATGC 19

RESULT 671
LOCUS AX698543
DEFINITION Sequence 32 from Patent WO03010335.
ACCESSION AX698543
VERSION AX698543.1 GI:29499371
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Mirel, D.B., Erlich, H.A., Bugawan, T.L., Noble, J.A. and Valdez, A.M.
TITLE 11-4 receptor sequence variation associated with type 1 diabetes
JOURNAL Patent: WO 03010335-A 32 06-FEB-2003;
Roche Diagnostics GmbH (DE) ; F. HOFMANN-LA ROCHE AG (CH)
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 2;

QY 3965 CAGGGCTCTGCTGACA 3982
Db 2 CTGGGCTCTGCTGACA 19

RESULT 672
LOCUS AX769415
DEFINITION Sequence 532 from Patent WO02058917.
ACCESSION AX769415
VERSION AX769415.1 GI:32437233
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Guo, X., Fernandez, E., Li, L., Kekuda, R., Liu, Y., Leite, M.,
Spytek, K.A., Ji, W., Casman, S.J., Boldog, P.L., Patturajan, M.,
Vernet, C.A., Ballinger, R.A., Malyanekar, U.M., Tchenerov, V.T.,

TITLE
JOURNAL
Blalock,A.D., Gusev,V.Y., Rastelli,L., Mezes,P.D., Ellerman,K.,
Heyes,M., Herrmann,J.L., Shinkets,R.A., Iolme,N., Pena,C.E.,
Shenoy,S.G., Taupier,R.J., Gerlach,V. and Gorman,L.
Human proteins and nucleic acids encoding same
Patent: WO 02098917-A 532 12-DEC-2002;
Curagen Corporation (US)

FEATURES
source
Location/Qualifiers
1..19
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="PCR Primer sequence"

Query Match
Best Local Similarity 88.9%; Score 14.8; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3285 CCCCAGCTGAGAGAGCT 3302
DB 1 CCCCAGCTGAGAGAGAT 18

RESULT 673
AX804055/c
LOCUS AX804055 19 bp DNA linear PAT 25-NOV-2003
DEFINITION Sequence 223 from Patent WO03060160.
ACCESSION AX804055
VERSION AX804055.1 GI:38521190
KEYWORDS
SOURCE
ORGANISM
Oreochromis niloticus (Nile tilapia)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Actinopterygii; Neopterygii; Teleostei; Euteleostei;
Acanthomorpha; Acanthopterygii; Percomorpha; Perciformes;
Labroidae; Cichlidae; Oreochromis.

REFERENCE
AUTHORS
TITLE
Lie,Y., Sletten,A., Hoeyum,M. and Lingaas,F.
Verification of food origin based on nucleic acid pattern
recognition
Patent: WO 03060160-A 223 24-JUL-2003;
Genomar ASA (NO)

JOURNAL
Genomar ASA (NO)

FEATURES
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Location/Qualifiers
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/mol_type="unassigned DNA"
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Query Match
Best Local Similarity 88.9%; Score 14.8; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3438 GGCCCTGAGAGAGAA 3455
DB 18 GTCCGAGAGAGAGAA 1

RESULT 674
AX814090/c
LOCUS AX814090 19 bp DNA linear PAT 05-DEC-2003
DEFINITION Sequence 13 from Patent EP134979.
ACCESSION AX814090
VERSION AX814090.1 GI:39103392
KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.

REFERENCE
AUTHORS
TITLE
JOURNAL
Kweek-en Researchbedrijf Agrico B.V. (NL)
Location/Qualifiers
1
van der Vossen,E.A. and Alléfs,J.J.
Gene conferring resistance to phytophthora infestans (late-blight)
in solanaceae
Patent: EP 1334979-A 13 13-AUG-2003;
Kweek-en Researchbedrijf Agrico B.V. (NL)

source

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/note="Description of Artificial Sequence: forward primer"

Query Match
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Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3995 CTGAGCTGTGAGACTG 4012
DB 18 CTGAGCTGTGAGACTG 1

RESULT 675
AX816309/c
LOCUS AX816309 19 bp DNA linear PAT 09-DEC-2003
DEFINITION Sequence 26 from Patent WO03066675.
ACCESSION AX816309
VERSION AX816309.1 GI:39646800
KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.

REFERENCE
AUTHORS
TITLE
Alléfs,J.J. and van der Vossen,E.A.
Gene conferring resistance to phytophthora infestans (late-blight)
in solanaceae
Patent: WO 03066675-A 26 14-AUG-2003;
Kweek-en Researchbedrijf Agrico B.V. (NL)

JOURNAL
Kweek-en Researchbedrijf Agrico B.V. (NL)
Location/Qualifiers
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/db_xref="taxon:32630"
/note="Description of Artificial Sequence: forward primer"

Query Match
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Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3995 CTGAGCTGTGAGACTG 4012
DB 18 CTGAGCTGTGAGACTG 1

RESULT 676
BD075603
LOCUS BD075603 19 bp DNA linear PAT 27-AUG-2002
DEFINITION Secretory and transmembrane polypeptide and nucleic acid encoding
the same.
ACCESSION BD075603
VERSION BD075603.1 GI:22621206
KEYWORDS JP 2001516580-A/236.
SOURCE
ORGANISM
synthetic construct
artificial sequences.

REFERENCE
AUTHORS
TITLE
Wood,W.I., Gurney,A.L., Goddard,A., Penica,D., Chen,J. and Yuan,J.
Secretory and transmembrane polypeptide and nucleic acid encoding
the same
Patent: JP 2001516580-A 236 02-OCT-2001;
GENENTECH INC

COMMENT
OS Artificial Sequence
PN JP 2001516580-A/236
PD 02-OCT-2001
PR 16-SEP-1998 JP 2000511867
17-SEP-1997 US 60/059112,17-SEP-1997 US 60/059117 PR
17-SEP-1997 US 60/059113,17-SEP-1997 US 60/059263 PR
17-SEP-1997 US 60/059119,18-SEP-1997 US 60/059263 PR
18-SEP-1997 US 60/059266,18-OCT-1997 US 60/062125 PR

17-OCT-1997 US 60/062287,17-OCT-1997 US 60/062285 PR
21-OCT-1997 US 60/063486,24-OCT-1997 US 60/063486 PR
24-OCT-1997 US 60/062814,24-OCT-1997 US 60/063127 PR
24-OCT-1997 US 60/063120,24-OCT-1997 US 60/063121 PR
24-OCT-1997 US 60/063045,24-OCT-1997 US 60/063128 PR
27-OCT-1997 US 60/063329,27-OCT-1997 US 60/063541 PR
28-OCT-1997 US 60/063549,28-OCT-1997 US 60/063542 PR
28-OCT-1997 US 60/063550,28-OCT-1997 US 60/063564 PR
28-OCT-1997 US 60/063544,28-OCT-1997 US 60/063738 PR
29-OCT-1997 US 60/063704,29-OCT-1997 US 60/063435 PR
29-OCT-1997 US 60/064215,29-OCT-1997 US 60/063735 PR
29-OCT-1997 US 60/064103,31-OCT-1997 US 60/063870 PR
03-NOV-1997 US 60/064248,07-NOV-1997 US 60/064809 PR
12-NOV-1997 US 60/065186,17-NOV-1997 US 60/065846 PR
18-NOV-1997 US 60/065693,21-NOV-1997 US 60/066120 PR
21-NOV-1997 US 60/066364,24-NOV-1997 US 60/066772 PR
24-NOV-1997 US 60/066466,24-NOV-1997 US 60/066770 PR
24-NOV-1997 US 60/066511,24-NOV-1997 US 60/066453 PR
25-NOV-1997 US 60/066840
PI WILLIAM I WOOD,AUSTIN L GURNEY,AUDLEY GODDARD,DIANE PENICA, PI
PI JEAN CHEN,
PI JEAN YUAN
PC C12N15/09,C07K14/47,C07K14/705,C07K16/18,C07K16/28,C07K19/00,
PC C12N1/19,
PC C12N1/21,C12N5/10,C12P21/02,C12P21/08,C12Q1/02//C12P21/08, PC
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Location/Qualifiers
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Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2099 CCTGCACCTTCCTGATGC 2116
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Db 2 CCTGCACCTTCCTGATGC 19

RESULT 677
BD090605 19 bp DNA linear PAT 27-AUG-2002
LOCUS Drug containing humanized anti-Fas antibody.
DEFINITION
ACCESSION BD090605
VERSION BD090605.1 GI:22636215
KEYWORDS JP 2001342148-A/65.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
1 (bases 1 to 19)
REFERENCE Serizawa,N., Haruyama,H., Nakahara,K. and Tamaki,I.
Drug containing humanized anti-Fas antibody
Patent: JP 2001342148-A 65 11-DEC-2001;
SANKYO CO LTD
OS Artificial Sequence
PN JP 2001342148-A/65
PD 11-DEC-2001
PF 28-MAR-2001 JP 2001093106
PI NOBUFUSA SERIZAWA,HIDEYUKI HARUYAMA,KAORI NAKAHARA,IKUKO PI
TAMAKI
PC A61K39/395,A61K38/00,A61P1/16,A61P7/06,A61P9/00,A61P10/10, PC
A61P13/12,
PC A61P19/02,A61P29/00,A61P37/06,A61P37/08,A61P43/00//
PC C12N15/09,
PC A61K37/02,C12N15/00

CC Description of Artificial Sequence: Sequencing primer for a
CC DNA encoding
CC the heavy chain of a humanized anti-Fas antibody FH Key
Location/Qualifiers
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1. .19 Location/Qualifiers
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Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3065 GCCTCAGCTGAGGACT 3082
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Db 19 GCCTCAGCTGAGGACT 2

RESULT 678
BD090606 19 bp DNA linear PAT 27-AUG-2002
LOCUS Drug containing humanized anti-Fas antibody.
DEFINITION
ACCESSION BD090606
VERSION BD090606.1 GI:22636216
KEYWORDS JP 2001342148-A/66.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
1 (bases 1 to 19)
REFERENCE Serizawa,N., Haruyama,H., Nakahara,K. and Tamaki,I.
Drug containing humanized anti-Fas antibody
Patent: JP 2001342148-A 66 11-DEC-2001;
SANKYO CO LTD
OS Artificial Sequence
PN JP 2001342148-A/66
PD 11-DEC-2001
PF 28-MAR-2001 JP 2001093106
PI NOBUFUSA SERIZAWA,HIDEYUKI HARUYAMA,KAORI NAKAHARA,IKUKO PI
TAMAKI
PC A61K39/395,A61K38/00,A61P1/16,A61P7/06,A61P9/00,A61P10/10, PC
A61P13/12,
PC A61P19/02,A61P29/00,A61P37/06,A61P37/08,A61P43/00//
PC C12N15/09,
PC A61K37/02,C12N15/00
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CC DNA encoding
CC the heavy chain of a humanized anti-Fas antibody FH Key
Location/Qualifiers
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1. .19 Location/Qualifiers
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Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 6e+02; 2; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3065 GCCTCAGCTGAGGACT 3082
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Db 19 GCCTCAGCTGAGGACT 2

RESULT 679
BD090714 19 bp DNA linear PAT 27-AUG-2002
LOCUS Drug containing humanized anti-Fas antibody.
DEFINITION
ACCESSION BD090714

VERSION	KEYWORDS	SOURCE	ORGANISM	REFERENCE	AUTHORS	TITLE	JOURNAL	COMMENT
BD090714.1	GI:22636324	JP 2001342149-A/65.	synthetic construct	1 (bases 1 to 19)	Takahashi, W., Haryuma, H. and Serizawa, N.	Drug containing humanized anti-Fas antibody Patent: JP 2001342149-A 65 11-DEC-2001;	SANKYO CO LTD	OS Artificial Sequence PN JP 2001342149-A/65 PD 11-DEC-2001 PF 28-MAR-2001 JP 20010933243 PI WATARU TAKAHASHI, HIDEYUKI HARUYAMA, NOBUFUSA SERIZAWA, PC A61K39/395, A61K39/395, A61P1/16, A61P/06, A61P9/00, A61P9/10, PC A61P13/12, PC A61P7/00, A61P31/14, A61P31/18, A61P31/20, A61P37/00, A61P37/06, PC A61P37/08, PC A61P93/00//C12N15/02, C12N15/00
BD090715.1	GI:22636325	JP 2001342149-A/66.	synthetic construct	1 (bases 1 to 19)	Takahashi, W., Haryuma, H. and Serizawa, N.	Drug containing humanized anti-Fas antibody Patent: JP 2001342149-A 66 11-DEC-2001;	SANKYO CO LTD	OS Artificial Sequence PN JP 2001342149-A/66 PD 11-DEC-2001 PF 28-MAR-2001 JP 20010933243 PI WATARU TAKAHASHI, HIDEYUKI HARUYAMA, NOBUFUSA SERIZAWA, PC A61K39/395, A61K39/395, A61P1/16, A61P/06, A61P9/00, A61P9/10, PC A61P13/12, PC A61P7/00, A61P31/14, A61P31/18, A61P31/20, A61P37/00, A61P37/06, PC A61P37/08, PC A61P93/00//C12N15/02, C12N15/00
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LOCUS	BD090715	19 bp	DNA	linear	PAT 27-AUG-2002			
DEFINITION	Drug containing humanized anti-Fas antibody.							
ACCESSION	BD090715							
VERSION	BD090715.1	GI:22636325						
KEYWORDS	JP 2001342149-A/66.							
SOURCE	synthetic construct							
ORGANISM	artificial sequences.							
REFERENCE	1 (bases 1 to 19)							
AUTHORS	Takahashi, W., Haryuma, H. and Serizawa, N.							
TITLE	Drug containing humanized anti-Fas antibody							
JOURNAL	Patent: JP 2001342149-A 66 11-DEC-2001;							
COMMENT	SANKYO CO LTD							
	OS Artificial Sequence							
	PN JP 2001342149-A/65							
	PD 11-DEC-2001							
	PF 28-MAR-2001 JP 20010933243							
	PI WATARU TAKAHASHI, HIDEYUKI HARUYAMA, NOBUFUSA SERIZAWA, PC A61K39/395, A61K39/395, A61P1/16, A61P/06, A61P9/00, A61P9/10, PC A61P13/12, PC A61P7/00, A61P31/14, A61P31/18, A61P31/20, A61P37/00, A61P37/06, PC A61P37/08, PC A61P93/00//C12N15/02, C12N15/00							
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	CC DNA encoding							
	CC the heavy chain of a humanized anti-Fas antibody FH							
	CC Location/Qualifiers							
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Best Local Similarity	88.9%;	Pred. No. 6e+02;						
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Db	1	GCCTGACGCTGAGGACT	18					
RESULT 680								
LOCUS	BD090715/c							
DEFINITION	Drug containing humanized anti-Fas antibody.							
ACCESSION	BD090715							
VERSION	BD090715.1	GI:22636325						
KEYWORDS	JP 2001342149-A/66.							
SOURCE	synthetic construct							
ORGANISM	artificial sequences.							
REFERENCE	1 (bases 1 to 19)							
AUTHORS	Takahashi, W., Haryuma, H. and Serizawa, N.							
TITLE	Drug containing humanized anti-Fas antibody							
JOURNAL	Patent: JP 2001342149-A 66 11-DEC-2001;							
COMMENT	SANKYO CO LTD							
	OS Artificial Sequence							
	PN JP 2001342149-A/66							
	PD 11-DEC-2001							
	PF 28-MAR-2001 JP 20010933243							
	PI WATARU TAKAHASHI, HIDEYUKI HARUYAMA, NOBUFUSA SERIZAWA, PC A61K39/395, A61K39/395, A61P1/16, A61P/06, A61P9/00, A61P9/10, PC A61P13/12, PC A61P7/00, A61P31/14, A61P31/18, A61P31/20, A61P37/00, A61P37/06, PC A61P37/08, PC A61P93/00//C12N15/02, C12N15/00							

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Matches 16; Conservative	0;	Mismatches 2; Indels 0; Gaps 0;
QY	3065 GCCTCAGACCTGAGACT 3082	
DB	19 GCCTGACATCTGAGACT 2	
RESULT 681		
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LOCUS		
DEFINITION	BD095044	
ACCESSION	BD095044	
VERSION	BD095044.1 GI:22640632	
KEYWORDS	JP 2001352985-A/5.	
SOURCE	unidentified	
ORGANISM	unclassified.	
REFERENCE	1 (bases 1 to 19)	
AUTHORS	Inasawa,Y. and Imoto,Y.	
TITLE	GASC1gene	
JOURNAL	Patent: JP 2001352985-A 5 25-DEC-2001;	
COMMENT	OTSUKA PHARMACEUTICAL CO LTD	
	OS Unidentified	
	PN JP 2001352985-A/5	
	PD 25-DEC-2001	
	PF 12-JUN-2000 JP 2000174946	
	PI JOU1 INASAWA,YASUNARI IMOTO	
	PC C12N15/09,A61K39/395,A61K39/395,A61K48/00,A61P35/00,C07K14/82,	
	PC C07K16/32,	
	PC C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12Q1/68//C12P21/02,C12P21/08,	
	08,	
	PC C12N15/00,C12N5/00	
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Query Match	0.3%;	Score 14.8; DB 1; Length 19;
Best Local Similarity	88.9%;	Pred. No. 6e+02;
Matches 16; Conservative	0;	Mismatches 2; Indels 0; Gaps 0;
QY	495 CAGACACCTCTTACTC 512	
DB	19 CAGAGACCTCTTAAACC 2	
RESULT 682		
BD102492/c	19 bp	DNA linear PAT 27-AUG-2002
LOCUS	BD102492	
DEFINITION	Novel genes related to proliferative glomerulonephritis.	
ACCESSION	BD102492	
VERSION	BD102492.1 GI:22648066	
KEYWORDS	WO 0173022-A/140.	
SOURCE	synthetic construct	
ORGANISM	synthetic construct	
REFERENCE	artificial sequences.	
AUTHORS	1 (bases 1 to 19)	
TITLE	Takenuchi,K., Sekine,S., Kikuchi,Y. and Sakurada,K.	
JOURNAL	Novel genes related to proliferative glomerulonephritis	
	Patent: WO 0173022-A 140 04-OCT-2001;	

COMMENT KYOWA HAKKO KOSYO CO LTD, KYOKO TAKEUCHI, SUSUMU SEKINE, YASUHIRO KIKUCHI, KAZUHIRO SAKURADA
OS Artificial Sequence
PN WO 0173022-A/140
PD 04-OCT-2001
PF 29-MAR-2001 WO 2001JP002623
PR 29-MAR-2000 JP 00P 90137
PI KYOKO TAKEUCHI, SUSUMU SEKINE, YASUHIRO KIKUCHI, KAZUHIRO PI SAKURADA
PC C12N15/12, C12Q1/68, C07K14/47
CC reverse primer for amplification of TRDH-284 DNA FH Key
FT source
FT 1.19 Location/Qualifiers
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/db_xref='taxon:32630'

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Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 6e+02; Mismatches 2; Indels 0; Gaps 0;
Matches 16; Conservative 0;

QY 1794 TGAGCTGTGTCGACTG 1811
DB 19 TGGATCGTCTGCACTG 2

RESULT 683
BD102682/c
LOCUS BD102682 19 bp DNA linear PAT 27-AUG-2002
DEFINITION GASC1 gene.
ACCESSION BD102682
VERSION BD102682.1 GI:22648256
KEYWORDS WO 0196566-A/5.
SOURCE synthetic construct
ORGANISM synthetic construct.
REFERENCE 1 (bases 1 to 19)
AUTHORS Inazawa, J. and Imoto, I.
TITLE GASC1 gene
JOURNAL Patent: WO 0196566-A 5 20-DEC-2001;
OTSUKA PHARMACEUTICAL CO LTD, JOJI INAZAWA, ISSEI IMOTO
COMMENT OS Artificial Sequence
PN WO 0196566-A/5
PD 20-DEC-2001
PF 12-JUN-2001 WO 2001JP004959
PR 12-JUN-2000 JP 00P 174946
PI JOJI INAZAWA, ISSEI IMOTO
PC C12N15/12, C12N1/15, C12N1/19, C12N1/21, C12N5/00, C12Q1/68 PC
C07K14/82, C07K16/32,
PC GOIN13/574
CC Primer WtE
FT Key
FT 1.19 Location/Qualifiers
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Location/Qualifiers

FEATURES
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Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 6e+02; Mismatches 2; Indels 0; Gaps 0;
Matches 16; Conservative 0;

QY 495 CAGACACCTCTTAATC 512
DB 19 CAGACACCTCTTAATC 2

RESULT 684

BD172463
LOCUS BD172463 19 bp DNA linear PAT 18-FEB-2003
DEFINITION Secreted and transmembrane polypeptides and nucleic acids encoding the same.
ACCESSION BD172463
VERSION BD172463.1 GI:28413763
KEYWORDS JP 2002223786-A/236.
SOURCE synthetic construct
ORGANISM synthetic construct.
REFERENCE 1 (bases 1 to 19)
AUTHORS Wood, W. I., Gurney, A. L., Goddard, A., Fennica, D., Zheng, J. and Yuan, J.
TITLE Secreted and transmembrane polypeptides and nucleic acids encoding the same
JOURNAL GENENTECH INC
COMMENT Patent: JP 2002223786-A 236 13-AUG-2002;
PN JP 2002223786-A/236
PD 13-AUG-2002
PR 18-DEC-2001 JP 2001385135
PF 17-SEP-1997 US 60/059115, 17-SEP-1997 US 60/059184 PR
17-SEP-1997 US 60/059122, 17-SEP-1997 US 60/059117 PR
17-SEP-1997 US 60/059113, 17-SEP-1997 US 60/059121 PR
17-SEP-1997 US 60/059119, 18-SEP-1997 US 60/059263 PR
18-SEP-1997 US 60/059266, 15-OCT-1997 US 60/062125 PR
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31-OCT-1997 US 60/063870, 03-NOV-1997 US 60/064248 PR
07-NOV-1997 US 60/064809, 12-NOV-1997 US 60/065166 PR
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WILLIAM I WOOD, AUSTIN L GURNEY, AUDREY GODDARD, DIANE PENNICA, PI
JIAN ZHENG,
JIAN YUAN
PC C12N15/09, C07K14/47, C07K16/18, C07K19/00, C12N1/19, C12N1/21, PC
C12N5/10,
PC C12P21/02, C12P21/08, (C12P21/02, C12R1:19), (C12P21/02, C12R1:91), PC
(C12P21/02, C12R1:645), C12N15/00, C12N5/00
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Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 6e+02; Mismatches 2; Indels 0; Gaps 0;
Matches 16; Conservative 0;

QY 2099 CCTGCACTTCTGATGC 2116
DB 2 CCTGCACTTCTGATGC 19

RESULT 685
BD172782 19 bp DNA linear PAT 18-FEB-2003
LOCUS Secreted and transmembrane polypeptides and nucleic acids encoding
DEFINITION the same.
ACCESSION BD172782.1 GI:28414086
VERSION JP 2002238586-A/236.
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 19)
AUTHORS Wood,W.I., Gurney,A.L., Goddard,A., Pennica,D., Zheng,J. and Yuan,J.
TITLE Secreted and transmembrane polypeptides and nucleic acids encoding the same
JOURNAL Patent: JP 2002238586-A 236 27-AUG-2002;
COMMENT OS Artificial Sequence
PN JP 2002238586-A/236
PD 27-AUG-2002
PF 18-DEC-2001 JP 2001385205
PR 17-SEP-1997 US 60/059115,17-SEP-1997 US 60/059184 PR
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17-SEP-1997 US 60/059113,17-SEP-1997 US 60/059121 PR
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60/059266,15-OCT-1997 US 60/062185 PR
60/062287,17-OCT-1997 US 60/062285 PR
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07-NOV-1997 US 60/064809,12-NOV-1997 US 60/065166 PR
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21-NOV-1997 US 60/066120,21-NOV-1997 US 60/066364 PR
24-NOV-1997 US 60/066772,24-NOV-1997 US 60/066466 PR
24-NOV-1997 US 60/066770,24-NOV-1997 US 60/066511 PR
24-NOV-1997 US 60/066453,25-NOV-1997 US 60/066840 PR
WILLIAM I WOOD,AUSTIN L GURNEY,AUDREY GODDARD,DIANE PENNICA, PI
JIAN ZHENG,
PI JEAN YUAN
PC C12N15/09,C07K14/47,C07K16/18,C07K19/00,C12N1/19,C12N1/21, PC
C12N5/10,
PC C12P21/02,C12P21/08,C12N1/19,C12R1:645),(C12N1/21,C12R1:19),
PC (C12N5/10,C12R1:91),(C12P21/02,C12R1:91),(C12P21/02,C12R1:645), PC
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Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2099 CCTGCACCTTGCTGATGC 2116
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Db 2 CCTGCACCTTGCTGATGC 19
RESULT 686
BD173101 19 bp DNA linear PAT 18-FEB-2003
LOCUS Secreted and transmembrane polypeptides and nucleic acids encoding
DEFINITION the same.
ACCESSION BD173101.1 GI:28414410
VERSION JP 2002238587-A/236.
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 19)
AUTHORS Wood,W.I., Gurney,A.L., Goddard,A., Pennica,D., Zheng,J. and Yuan,J.
TITLE Secreted and transmembrane polypeptides and nucleic acids encoding the same
JOURNAL Patent: JP 2002238587-A 236 27-AUG-2002;
COMMENT OS Artificial Sequence
PN JP 2002238587-A/236
PD 27-AUG-2002
PF 18-DEC-2001 JP 2001385248
PR 17-SEP-1997 US 60/059115,17-SEP-1997 US 60/059184 PR
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24-NOV-1997 US 60/066770,24-NOV-1997 US 60/066511 PR
24-NOV-1997 US 60/066453,25-NOV-1997 US 60/066840 PR
WILLIAM I WOOD,AUSTIN L GURNEY,AUDREY GODDARD,DIANE PENNICA, PI
JIAN ZHENG,
PI JEAN YUAN
PC C12N15/09,C07K14/47,C07K16/18,C12N1/19,C12N1/21,C12N5/10, PC
C12N15/02,
PC C12P21/02,C12P21/08,C12R1:91),(C12P21/02,C12R1:19), PC
(C12P21/02,C12R1:645),C12N15/00,C12N5/00,C12N1/19), PC
(C12P21/02,C12R1:91)
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Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 6e+02;
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QY 2099 CCTGCACCTTGCTGATGC 2116
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Db 2 CCTGCAGTTTCCTGATGC 19

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RESULT 687
BD173420 19 bp DNA linear PAT 18-FEB-2003
LOCUS Secreted and transmembrane polypeptides and nucleic acids encoding
DEFINITION the same.
ACCESSION BD173420.1 GI:28414731
VERSION BD173420.1
KEYWORDS JP 2002238588-A/236.
SOURCE synthetic construct
ORGANISM artificial construct.
REFERENCE 1 (bases 1 to 19)
AUTHORS Wood, W.I., Gurney, A.L., Goddard, A., Pennica, D., Zheng, J. and Yuan, J.
TITLE Secreted and transmembrane polypeptides and nucleic acids encoding the same
JOURNAL Patent: JP 2002238588-A 236 27-AUG-2002;
COMMENT GENENTECH INC
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PN JP 2002238588-A/236
PD 27-AUG-2002
PR 17-SEP-1997 US 60/059115, 17-SEP-1997 US 60/059184 PR
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18-SEP-1997 US 60/059266, 15-OCT-1997 US 60/062125 PR
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24-NOV-1997 US 60/066770, 24-NOV-1997 US 60/066511 PR
24-NOV-1997 US 60/066453, 25-NOV-1997 US 60/066840 PR
WILLIAM I WOOD, AUSTIN L GURNEY, AUDREY GODDARD, DIANE PENNICA, PI
JIAN ZHENG,
PI JEAN YUAN
PC C12N15/09, C07K14/435, C07K16/18, C07K19/00, C12N1/19, C12N1/21, PC
C12N5/10,
PC C12N5/10, C07K14/435, C07K16/18, C07K19/00, C12N1/19, C12N1/21, PC
C12N5/10,
PC C12N5/10, C12N1/91, C12N15/00, C12N5/00, C12N5/91, C12N1/91) CC
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Query Match 0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

2099 CCTGCAGTTTCCTGATGC 2116

Db 2 CCTGCAGTTTCCTGATGC 19

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RESULT 688
BOVINE14 20 bp DNA linear MM 06-FEB-1999
LOCUS Bovine DNA for microsatellite marker, 3' terminus.
DEFINITION D83294
ACCESSION D83294.1 GI:1199711
VERSION PCR primer.
KEYWORDS Bos taurus (cow)
SOURCE Bos taurus
ORGANISM Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Cetartiodactyla; Ruminantia; Pecora; Bovidae;
Bovinae; Bos.
REFERENCE 1 (sites)
AUTHORS Hirano, T., Nakane, S., Mizoshita, K., Yamakuchi, H.,
TITLE Inoue-Murayama, M., Matanabe, T., Barendse, W. and Sugimoto, Y.
JOURNAL Characterization of 42 highly polymorphic bovine microsatellite
MEDLINE markers
PUBMED Anim. Genet. 27 (5), 365-368 (1996)
97083737
8930081
REFERENCE 2 (bases 1 to 20)
AUTHORS Hirano, T., Nakane, S., Mizoshita, K., Inoue-Murayama, M., Matanabe, T.,
TITLE Barendse, W. and Sugimoto, Y.
JOURNAL Characterization of 42 bovine microsatellite markers
REFERENCE 3 (bases 1 to 20)
AUTHORS Sugimoto, Y.
TITLE Direct Submision
JOURNAL Submitted (29-JAN-1996) Yoshikazu Sugimoto, Japan Live Stock
Technology Association, Shikawa Institute of Animal Genetics;
Nishigo Odakura, Nishishirakawa, Fukushima 961, Japan
(E-mail: ldi03222@afflyserve.or.jp, Tel: 0248-25-5641,
Fax: 0248-25-5725)
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/db_xref="taxon:9913"
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/note="microsatellite D1X069 PCR antisense primer"

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Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1543 TCACACTGCGACGCGAG 1560
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Db 3 TCACACTGCGACGCGAG 20

RESULT 689
SSA777 20 bp mRNA linear MM 29-JUL-1997
LOCUS Sus scrofa EST GTR forward primer.
DEFINITION AJ000777
ACCESSION AJ000777.1 GI:2286000
VERSION PCR primer.
KEYWORDS Sus scrofa (pig)
SOURCE Sus scrofa
ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Cetartiodactyla; Suina; Suidae; Sus.
REFERENCE 1 (bases 1 to 20)
AUTHORS Mammalia; Eutheria; Cetartiodactyla; Suina; Suidae; Sus.
TITLE Robic, A., Anderson, L., and Bllegren, H.
JOURNAL Expansion of the pig comparative map by expressed sequence tags
REFERENCE (EST) mapping
2 (bases 1 to 20)
Fridolfsson, A.K.

TITLE Direct Submission
JOURNAL Submitted (27-JUL-1997) Fridolfsson A.K., Animal Breeding and Genetics, Swedish University of Agricultural Sciences, Biomedical Center, Box 597, S-751 24 Uppsala, SWEDEN
COMMENT 3'UTR.
FEATURES
 source Location/Qualifiers
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 /organism="Sus scrofa"
 /mol_type="mrna"
 /db_xref="taxon:9823"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1523 GGAGCTGCGAATTCGGA 1540
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Db 2 GGAGCTGCGAATTCGGA 19

RESULT 690
AR008036 20 bp DNA linear PAT 04-DEC-1998
LOCUS Sequence 6 from patent US 5753238.
ACCESSION AR008036
VERSION AR008036.1 GI:3967145
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Kaslow,D.C. and Duffly,P.E.
TITLE Target antigens of transmission blocking antibodies for malaria parasites
JOURNAL Patent: US 5753238-A 6 19-MAY-1998;
FEATURES
 source Location/Qualifiers
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 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 65.0%; Pred. No. 6.1e+02;
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy 1447 GGACATTATTCAGATCAG 1466
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Db 1 GGATWTYTAATWSAGATGAG 20

RESULT 691
AR087471/c 20 bp DNA linear PAT 07-SEP-2000
LOCUS Sequence 17 from patent US 5986078.
DEFINITION AR087471
ACCESSION AR087471
VERSION AR087471.1 GI:10014234
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
Garkavtsev,I. and Riabowol,K.
TITLE DNA sequence encoding the tumor suppressor gene INGI
JOURNAL Patent: US 5986078-A 17 16-NOV-1999;
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 source Location/Qualifiers
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 /mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
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Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4326 AAGCCTGAGAGACCA 4343

Db 20 AAGCCTGAGAGATCCA 3
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RESULT 692
AR100348/c 20 bp DNA linear PAT 14-FEB-2001
LOCUS Sequence 79 from patent US 6080580.
DEFINITION AR100348
ACCESSION AR100348
VERSION AR100348.1 GI:12810796
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
Baker,B.F., Bennett,C.Frank., Butler,M.M. and Shanahan,W.R. Jr.
TITLE Antisense oligonucleotide modulation of tumor necrosis factor- α (TNF- α) expression
JOURNAL Patent: US 6080580-A 79 27-JUN-2000;
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Query Match 0.3%; Score 14.8; DB 1; Length 20;
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Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1661 TCGCTGAGCTCATCGGA 1678
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Db 20 TCGCTGAGCTCATCGGA 3

RESULT 693
AR110660/c 20 bp DNA linear PAT 14-FEB-2001
LOCUS Sequence 17 from patent US 6117633.
DEFINITION AR110660
ACCESSION AR110660
VERSION AR110660.1 GI:12827474
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
Garkavtsev,I., Riabowol,K. and Gudkov,A.
TITLE DNA sequence encoding the tumor suppressor gene INGI
JOURNAL Patent: US 6117633-A 17 12-SEP-2000;
FEATURES
 source Location/Qualifiers
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 /mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4326 AAGCCTGAGAGACCA 4343
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Db 20 AAGCCTGAGAGATCCA 3

RESULT 694
AR122520 20 bp DNA linear PAT 16-MAY-2001
LOCUS Sequence 74 from patent US 6165728.
DEFINITION AR122520
ACCESSION AR122520
VERSION AR122520.1 GI:14106837
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
Ward,D.T. and Cowsett,L.M.

TITLE Antisense modulation of NCK-2 expression
JOURNAL Patent: US 6165728-A 74 26-DEC-2000;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4251 TGAGAGTACCTTCCA 4268
|||||
Db 3 TGAGAGTACCTTCCA 20

RESULT 695
LOCUS AR125581 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 82 from patent US 6177273.
ACCESSION AR125581
VERSION AR125581.1 GI:14111643
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Bennett,C.Frank, and Cowsett,L.M.
TITLE Antisense modulation of integrin-linked kinase expression
JOURNAL Patent: US 6177273-A 82 23-JAN-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3077 AGGACTGCAGGACCTTG 3094
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Db 18 AGGACTGCAGGACCTTG 1

RESULT 696
LOCUS AR129759 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 163 from patent US 6187545.
ACCESSION AR129759
VERSION AR129759.1 GI:14117656
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Mckay,R., Butler,M.M., Wyatt,J. and Cowsett,L.M.
TITLE Antisense modulation of peptid-cytosolic expression
JOURNAL Patent: US 6187545-A 163 13-FEB-2001;
FEATURES Location/Qualifiers
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Query Match 0.3%; Score 14.8; DB 1; Length 20;
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Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2199 CCAAGCTCAGCCATTGG 2216
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Db 3 CCATGCTCAGCCAGTGG 20

RESULT 697

AR150003/c
LOCUS AR150003 20 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 79 from patent US 6228642.
ACCESSION AR150003
VERSION AR150003.1 GI:15114594
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Baker,B.F., Bennett,C.Frank., Butler,M.M. and Shanahan,W.R. Jr.
TITLE Antisense oligonucleotide modulation of tumor necrosis
JOURNAL Patent: US 6228642-A 79 08-MAY-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
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Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1661 TCGTGAGCTCATCGGA 1678
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Db 20 TCGTGAGCTCATCGGA 3

RESULT 698
LOCUS AR150230 20 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 306 from patent US 6228642.
ACCESSION AR150230
VERSION AR150230.1 GI:15114821
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Baker,B.F., Bennett,C.Frank., Butler,M.M. and Shanahan,W.R. Jr.
TITLE Antisense oligonucleotide modulation of tumor necrosis
JOURNAL Patent: US 6228642-A 306 08-MAY-2001;
FEATURES Location/Qualifiers
source 1..20
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Query Match 0.3%; Score 14.8; DB 1; Length 20;
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Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 739 ACCTGGAGCAGATGGG 756
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Db 2 ACCTGGAGTATGATGAGG 19

RESULT 699
LOCUS AR154577 20 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 17 from patent US 6238918.
ACCESSION AR154577
VERSION AR154577.1 GI:1512630
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Garkavtsev,I. and Ribowol,K.
TITLE DNA sequence encoding the tumor suppressor gene INGI
JOURNAL Patent: US 6238918-A 17 29-MAY-2001;
FEATURES Location/Qualifiers
source 1..20

RESULT 699

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Qy 4326 AAGCCTGAGAGACCA 4343
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 20 AAGCCTGAGAGAAATCCA 3

RESULT 700
LOCUS AR174560 20 bp DNA linear PAT 17-DEC-2001
DEFINITION Sequence 15 from patent US 6307024.
ACCESSION AR174560
VERSION AR174560.1 GI:17914880
KEYWORDS
SOURCE
ORGANISM
REFERENCE
 1 (bases 1 to 20)
  Novak,J.E., Presnell,S.R., Sprecher,C.A., Foster,D.C., Holly,R.D.,
  Gross,J.A., Johnston,J.V., Nelson,A.J., Dillon,S.R. and
  Hammond,A.R.
  Cytokine zalphall ligand
  Patent: US 6307024-A 15 23-OCT-2001;
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  Novak,J.E., Presnell,S.R., Sprecher,C.A., Foster,D.C., Holly,R.D.,
  Gross,J.A., Johnston,J.V., Nelson,A.J., Dillon,S.R. and
  Hammond,A.R.
  Cytokine zalphall ligand
  Patent: US 6307024-A 15 23-OCT-2001;
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Best Local Similarity 88.9%; Pred. No.6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5157 CCTGTGGCTGTGTACAG 5174
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  3 CCTGTGGCTGTGTCTCAG 20

RESULT 701
LOCUS BD175401 20 bp DNA linear PAT 18-MAR-2003
DEFINITION Secretory and transmembrane polypeptide and nucleic acid encoding
  the same.
ACCESSION BD175401
VERSION BD175401.1 GI:29121097
KEYWORDS JP 2002253280-A/183.
SOURCE
ORGANISM
REFERENCE
 1 (bases 1 to 20)
  Wood,W.T., Gurney,A.L., Goddard,A., Pennica,D., Zheng,J. and
  Yuan,J.
  Secretory and transmembrane polypeptide and nucleic acid encoding
  the same
  Patent: JP 2002253280-A 183 10-SEP-2002;
  JOURNAL
  GENTECH INC
  OS Artificial Sequence
  PN JP 2002253280-A/183
  PD 10-SEP-2002
  PF 18-DEC-2001 JP 200138519
  PR 17-SEP-1997 US 60/059115 17-SEP-1997 US 60/059184 PR
  17-SEP-1997 US 60/059122 17-SEP-1997 US 60/059117 PR
  17-SEP-1997 US 60/059113 17-SEP-1997 US 60/059121 PR
  17-SEP-1997 US 60/059119 18-SEP-1997 US 60/059263 PR
  18-SEP-1997 US 60/059266 15-OCT-1997 US 60/062125 PR
  18-OCT-1997 US 60/062287 17-OCT-1997 US 60/062285 PR
  21-OCT-1997 US 60/063486 24-OCT-1997 US 60/063127 PR
  24-OCT-1997 US 60/062814 24-OCT-1997 US 60/063121 PR
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24-OCT-1997 US 60/063045 24-OCT-1997 US 60/063128 PR
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28-OCT-1997 US 60/063550 28-OCT-1997 US 60/063542 PR
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29-OCT-1997 US 60/064215 29-OCT-1997 US 60/063735 PR
29-OCT-1997 US 60/063732 31-OCT-1997 US 60/064103 PR
31-OCT-1997 US 60/063870 03-NOV-1997 US 60/064248 PR
07-NOV-1997 US 60/064809 12-NOV-1997 US 60/065163 PR
17-NOV-1997 US 60/065846 18-NOV-1997 US 60/065693 PR
21-NOV-1997 US 60/066120 21-NOV-1997 US 60/066344 PR
24-NOV-1997 US 60/066772 24-NOV-1997 US 60/066466 PR
24-NOV-1997 US 60/066770 24-NOV-1997 US 60/066511 PR
24-NOV-1997 US 60/066453 25-NOV-1997 US 60/066840 PI
WILLIAM I WOOD,AUSTIN L GURNEY,AUDREY GODDARD,DIANE PENNICA, PI
TIAN ZHENG,
PI JEAN YUAN
PC C12N15/09,A61K45/00,A61P1/00,A61P13/12,A61P17/00,A61P17/06, PC
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PC A61P25/16,A61P25/28,A61P31/12,A61P35/00,C07K14/47,C07K16/18,
PC C07K19/00,
PC C12N1/19,C12N1/21,C12N5/10//A61K38/00,A61K39/395,A61K39/395,
PC A61P43/00,
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  Soeda,E.
  Patent: WO 02072815-A 31 19-SEP-2002;
  JOURNAL
  EIICHI SOEDA,TAKASHI KUKITA
  OS Artificial Sequence
  PN WO 02072815-A/31
  PD 19-SEP-2002
  PR 17-MAY-2001 WO 2001JP004139
  PR 12-MAR-2001 JP 01P 68285
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Best Local Similarity 88.9%; Pred. No.6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1211 GCAGGCCCTCATGGCAG 1228
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  2 GCAGGCCCTCATGGCCAG 19

RESULT 702
LOCUS BD176231 20 bp DNA linear PAT 18-MAR-2003
DEFINITION A method of arraying genome clone.
ACCESSION BD176231
VERSION BD176231.1 GI:29121937
KEYWORDS WO 02072815-A/31.
SOURCE
ORGANISM
REFERENCE
 1 (bases 1 to 20)
  Soeda,E.
  Patent: WO 02072815-A 31 19-SEP-2002;
  JOURNAL
  EIICHI SOEDA,TAKASHI KUKITA
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  PN WO 02072815-A/31
  PD 19-SEP-2002
  PR 17-MAY-2001 WO 2001JP004139
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  PI EIICHI SOEDA
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  Best Local Similarity 88.9%; Score 14.8; DB 1; Length 20;
  Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy
  448 CACTGTTCTCTGCTGCC 465
  |||||
  18 CACTGTTCTCTGCTGCC 1

RESULT 703
  LOCUS BDI76866 20 bp DNA linear PAT 18-MAR-2003
  DEFINITION Nerve damage drugs.
  ACCESSION BDI76866
  VERSION BDI76866.1 GI:29122792
  KEYWORDS WO 02072144-A/2.
  SOURCE synthetic construct
  ORGANISM artificial sequences.
  REFERENCE 1 (bases 1 to 20)
  AUTHORS Tode,M., Kawakami,Y., Toyama,Y. and Mikami,Y.
  TITLES Nerve damage drugs
  JOURNAL Patent: WO 02072144-A 2 19-SEP-2002;
  KEIO UNIVERSITY,MASAHIRO TODA,YUTAKA KAWAKAMI,YOSHIKI TOYAMA,YUJI
  MIKAMI
  COMMENT OS Artificial Sequence
  PN WO 02072144-A/2
  PD 19-SEP-2002
  PR 12-MAR-2002 WO 2002P002310
  PR 12-MAR-2001 JP OIP 069123,02-NOV-2001 JP OIP 338772 PI
  MASAHIRO TODA,YUTAKA KAWAKAMI,YOSHIKI TOYAMA,YUJI MIKAMI PC
  A61K45/00,A61K38/19,A61K35/28,A61P25/00
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Qy
  1264 CTACAGCCCCCAGCAGC 1281
  |||||
  19 CTACAGCTTCACACAGC 2

RESULT 704
  LOCUS BDI78721 20 bp DNA linear PAT 16-APR-2003
  DEFINITION Gene panel for genes involving liver regeneration.
  ACCESSION BDI78721
  VERSION BDI78721.1 GI:30015988
  KEYWORDS WO 02077222-A/59.
  SOURCE synthetic construct
  ORGANISM artificial sequences.
  REFERENCE 1 (bases 1 to 20)
  AUTHORS Yokoyama,T., Okutsu,T., Mori,M., Yoshiyuki, Takahara, Fukuda,H.,
  Aburatani,H. and Sonaka,I.
  TITLES Gene panel for genes involving liver regeneration
  JOURNAL Patent: WO 02077222-A 59 03-OCT-2002;
  AJINOMOTO CO INC,FUMIHIKO YOKOYA,TOMOHIISA OKUTSU,MAIKO MORI,

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COMMENT
  YOSHIYUKI TAKAHARA,HISAO FUKUDA,HIROYUKI ABURATANI,ICHIRO SONAKA
  OS Artificial Sequence
  PN WO 02077222-A/59
  PD 03-OCT-2002
  PR 13-MAR-2002 WO 2002P002372
  PR 13-MAR-2001 JP OIP 070940
  PI FUMIHIKO YOKOYA,TOMOHIISA OKUTSU,MAIKO MORI,YOSHIYUKI PI
  TAKAHARA,HISAO FUKUDA,
  PI HIROYUKI ABURATANI,ICHIRO SONAKA
  PC C12N15/09,C12Q1/68,G01N33/15,G01N33/50,G01N37/00 CC
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  19 CTGTGCTTCATTCCTGTC 2

RESULT 705
  LOCUS BDI84614 20 bp DNA linear PAT 17-JUN-2003
  DEFINITION Method and detector for identifying subtypes of human papilloma
  viruses.
  ACCESSION BDI84614
  VERSION BDI84614.1 GI:31876814
  KEYWORDS JP 2002360271-A/593.
  SOURCE synthetic construct
  ORGANISM artificial sequences.
  REFERENCE 1 (bases 1 to 20)
  AUTHORS Ling,C., Lin,R., Yoo,Z., Huang,X., Lee,B., Lee,S., Lin,Y.,
  Huang,C., Hsu,H., Shi,C., Yeh,C., Cao,Y. and Pan,C.
  TITLES Method and detector for identifying subtypes of human papilloma
  JOURNAL Patent: JP 2002360271-A 593 17-DEC-2002;
  KING CAR FOOD INDUSTRIAL CO LTD
  COMMENT OS Artificial Sequence
  PN JP 2002360271-A/593
  PD 17-DEC-2002
  PR 28-NOV-2001 JP 2001362595
  PR 04-MAY-2001 TW 90110785
  PI CHING-YEE LING,RUBY-WEN LIN,ZHOU-MENG YOO,XIN-HSUAN HUANG,BOW-
  PI HAENG LEE,
  PI SHENG-HSIUNG LEE,YI-JU LIN,CI-CHUNG HUANG,HAN-CHANG HSU,CHA-
  PI MEN SHI,
  PI CHIH-XIN YEH,YI-FENG CAO,CHIH-LONG PAN
  PC C12N15/09,C12N15/09,C12M1/34,C12Q1/04,C12Q1/42,C12Q1/68 PC
  PC C12Q1/70,G01N21/64,
  PC G01N33/53,G01N33/574,G01N33/58,G01N37/00//C12M1/34,C12R1:93),
  PC (C12Q1/70,C12R1:93),C12N15/00,C12N15/00
  CC Oligonucleotide M830402 for identifying HPV CP8034. FH Key
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  Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 2641 CTCGAGCTGCTGCTGCAG 2658
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DB 2 CTCAGACTGCTGCTGCAG 19

RESULT 706
BD196314 20 bp DNA linear PAT 17-JUL-2003
LOCUS Vertebrate telomerase genes and proteins and uses thereof.
DEFINITION
ACCESSION BD196314
KEYWORDS JP 2002514928-A/48.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Kilian,A. and Bowtell,D.
TITLE Vertebrate telomerase genes and proteins and uses thereof
JOURNAL Patent: JP 2002514928-A 48 21-MAY-2002;
CAMEIA BIOSYSTEMS LLC,PETER MACCALLUM CANCER INSTITUTE
COMMENT OS Artificial Sequence
PN JP 2002514928-A/48
PD 21-MAY-2002
PF 01-JUL-1998 JP 1999508771
PR 01-JUL-1997 US 60/051410,21-JUL-1997 US 60/053018 PR
21-JUL-1997 US 60/053329,04-AUG-1997 US 60/054642 PR
09-SEP-1997 US 60/058287
PI ANDRZEJ KILIAN,DAVID BOWTELL
PC C12N15/54,C12N9/12,A61K38/45,C07K16/40,C12Q1/68,C12Q1/48, PC
C12N15/11,
PC A61K31/70
CC Description of Artificial Sequence:Synthesized Amplification
CC Primer Design
CC based on ESR Sequence Genbank Accession Number AA281296 FH
KEY Location/Qualifiers
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/organism="synthetic construct"
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Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3287 CCAGCCTGAAGAGCTAG 3304
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DB 1 CCTGCTGAAGAGCTGG 18

RESULT 707
BD227876 20 bp DNA linear PAT 17-JUL-2003
LOCUS Antisense oligonucleotide regulation of expression of tumor
DEFINITION
ACCESSION BD227876
KEYWORDS JP 2002526125-A/79.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Baker,B.F., Bennett,F.C., Butler,M.M. and Jr,W.J.S.
TITLE Antisense oligonucleotide regulation of expression of tumor
JOURNAL necrosis factor-alpha (TNF-alpha)
PATENT: JP 2002526125-A 79 20-AUG-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Artificial Sequence
PN JP 2002526125-A/79
PD 20-AUG-2002

PF 05-OCT-1999 JP 2000574737
PR 05-OCT-1998 US 09/166186,18-MAY-1999 US 09/313932 PI
BRENDA F BAKER,FRANK C BENNETT,MADELINE M BUTLER,WILLIAM J PI
SHANAHAN JR
PC C12N15/09,A61K31/7115,A61K31/712,A61K31/7125,A61K48/00,A61P1/
PC 00,A61P1/16,
PC A61P1/18,A61P3/10,A61P17/00,A61P17/04,A61P29/00,A61P31/00, PC
C07H21/02,
PC C07H21/04,C12N15/00
CC Synthetic
FH Key Location/Qualifiers
FT source 1..20
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Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1661 TCGTGAGCTCATCGGA 1678
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DB 20 TCGTGAGCTCAAGGAA 3

RESULT 708
BD228103 20 bp DNA linear PAT 17-JUL-2003
LOCUS Antisense oligonucleotide regulation of expression of tumor
DEFINITION
ACCESSION BD228103
KEYWORDS JP 2002526125-A/306.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Baker,B.F., Bennett,F.C., Butler,M.M. and Jr,W.J.S.
TITLE Antisense oligonucleotide regulation of expression of tumor
JOURNAL necrosis factor-alpha (TNF-alpha)
PATENT: JP 2002526125-A 306 20-AUG-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Artificial Sequence
PN JP 2002526125-A/306
PD 20-AUG-2002
PF 05-OCT-1999 JP 2000574737
PR 05-OCT-1998 US 09/166186,18-MAY-1999 US 09/313932 PI
BRENDA F BAKER,FRANK C BENNETT,MADELINE M BUTLER,WILLIAM J PI
SHANAHAN JR
PC C12N15/09,A61K31/7115,A61K31/712,A61K31/7125,A61K48/00,A61P1/
PC 00,A61P1/16,
PC A61P1/18,A61P3/10,A61P17/00,A61P17/04,A61P29/00,A61P31/00, PC
C07H21/02,
PC C07H21/04,C12N15/00
CC Synthetic
FH Key Location/Qualifiers
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/organism="synthetic construct"
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Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 739 ACCTGGAGCAGATGGGG 756
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Db 2 ACCTGGAGTAGTAGG 19

RESULT 709

BD228462 20 bp DNA linear PAT 17-JUL-2003

LOCUS IL-17 homologous polypeptide and its application to remedy.

DEFINITION BD228462

ACCESSION BD228462

VERSION BD228462.1 GI:33038232

KEYWORDS JP 2002515246-A/57.

SOURCE unclassified

ORGANISM unclassified

REFERENCE 1 (bases 1 to 20)

AUTHORS Chen,J., Filvaroff,E., Goddard,A., Gurney,A.L., Li,H. and Wood,W.I.

TITLE IL-17 homologous polypeptide and its application to remedy

JOURNAL Patent: JP 2002515246-A 57 28-MAY-2002;

COMMENT OS Unidentified

PD JP 2002515246-A/57

PD 28-MAY-2002 JP 2000549734

PF 14-MAY-1999 JP 2000549734

PR 15-MAY-1998 US 60/085579,23-DEC-1998 US 60/113621 PI

JIAN CHEN,ELLEN FILVAROFF,AUDLEY GODDARD,AUSTIN L GURNEY, PI

HANZHONG LI,

PI WILLIAM I WOOD

PC C12N15/09,A61K38/21,A61K45/00,A61P19/00,C07K14/52,C07K16/24,

PC C12N15/00,

PC C07K19/00,

PC C12N1/19,C12N1/21,C12N5/10,C12P21/02,C12P21/08,C12Q1/00 PC

,C12Q1/68,C12N15/00,

PC A61K37/66,C12N5/00

CC Strandedness: Single;

CC Topology: Linear;

CC IL-17 homologous polypeptide and its application to remedy FH

Key Location/Qualifiers

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source Location/Qualifiers

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Best Local Similarity 88.9%; Pred.No.6.1e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4937 TTGATGATGCTTTGCTG 4954

Db 1 TGGGTATGCTTTGCTG 18

RESULT 710

BD237579 20 bp DNA linear PAT 17-JUL-2003

LOCUS BD237579

DEFINITION Cytokine receptor ZALPHA11.

ACCESSION BD237579

VERSION BD237579.1 GI:33047349

KEYWORDS JP 2002526062-A/13.

SOURCE synthetic construct

ORGANISM artificial sequences.

REFERENCE 1 (bases 1 to 20)

AUTHORS Presnell,S.R., Conklin,D.C., Novak,J.E. and Hammond,A.K.

TITLE Cytokine receptor ZALPHA11

JOURNAL Patent: JP 2002526062-A 13 20-AUG-2002;

COMMENT OS Artificial Sequence

PN JP 2002526062-A/13

PD 20-AUG-2002

PF 23-SEP-1999 JP 2000574143

PR 23-SEP-1998 US 09/159254,09-MAR-1999 US 09/265117 PR

06-JUL-1999 US 09/347930

PI SCOTT R PRESNELL,DARRELL C CONKLIN,JULIA E NOVAK,ANGELA K PI

HAMMOND

PC C12N15/09,C07K14/715,C07K16/28,C12N1/15,C12N1/19,C12N1/21, PC

C12N5/10,

PC C12P21/02,C12P21/08,C12Q1/02,G01N33/53,G01N33/566,C12N15/00,

PC C12N5/00

CC Oligonucleotide primer ZC19572

FH Key Location/Qualifiers

FT source 1..20

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Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5157 CCTGTGCTGTGTCTCAG 5174

Db 3 CCTGTGCTGTGTCTCAG 20

RESULT 711

BD237581 20 bp DNA linear PAT 17-JUL-2003

LOCUS BD237581

DEFINITION Cytokine receptor ZALPHA11.

ACCESSION BD237581

VERSION BD237581.1 GI:33047351

KEYWORDS JP 2002526062-A/15

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE 1 (bases 1 to 20)

AUTHORS Presnell,S.R., Conklin,D.C., Novak,J.E. and Hammond,A.K.

TITLE Cytokine receptor ZALPHA11

JOURNAL Patent: JP 2002526062-A 15 20-AUG-2002;

COMMENT OS Artificial Sequence

PN JP 2002526062-A/15

PD 20-AUG-2002

PF 23-SEP-1999 JP 2000574143

PR 23-SEP-1998 US 09/159254,09-MAR-1999 US 09/265117 PR

06-JUL-1999 US 09/347930

PI SCOTT R PRESNELL,DARRELL C CONKLIN,JULIA E NOVAK,ANGELA K PI

HAMMOND

PC C12N15/09,C07K14/715,C07K16/28,C12N1/15,C12N1/19,C12N1/21, PC

C12N5/10,

PC C12P21/02,C12P21/08,C12Q1/02,G01N33/53,G01N33/566,C12N15/00,

PC C12N5/00

CC Oligonucleotide primer ZC19657

FH Key Location/Qualifiers

FT source 1..20

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source Location/Qualifiers

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/organism="synthetic construct"

/mol_type="genomic DNA"

/db_xref="taxon:32630"

Query Match 0.3%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred.No.6.1e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5157 CCTGTGCTGTGTCTCAG 5174

Db 18 CCTGTGCTGTGTCTCAG 1

RESULT 712

BD243776

LOCUS BD243776 20 bp DNA linear PAT 17-JUL-2003
DEFINITION Oxaloacetate hydrolase deficient fungal host cells.
ACCESSION BD243776
VERSION BD243776.1 GI:33053546
KEYWORDS JP 2002536993-A/21.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
AUTHORS Hjort,C.M. and Pedersen,H.
TITLE Oxaloacetate hydrolase deficient fungal host cells
JOURNAL Patent: JP 2002536993-A 21 05-NOV-2002;
NOVOZYMES AS
COMMENT OS Artificial Sequence
PN JP 2002536993-A/21
PD 05-NOV-2002
PR 18-FEB-2000 JP 200601140
PI 22-FEB-1999 DK PA 199900231
PC CARSTEN MAILLAND HUORT,HENRIK PEDERSEN
PC C12N15/09,C12N1/15,C12N1/19,C12N5/10,C12N9/02,C12P7/
PC 48,
PC C12P21/02/(C12N1/15,C12R1:685),(C12N1/21,C12R1:19),C12N15/00,
PC C12N5/00
CC Description of Artificial Sequence: OX10
FH Key Location/Qualifiers
FT source 1..20
FT /organism='Artificial Sequence'.
FEATURES
source 1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 847 AGCCAAACCCACTCCAC 864
DB 3 AGCAAAACCATCTCCACC 20
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RESULT 713
LOCUS BD248953 20 bp DNA linear PAT 17-JUL-2003
DEFINITION Novel cytokine ZALPHA11 ligand.
ACCESSION BD248953
VERSION BD248953.1 GI:33058723
KEYWORDS JP 2002537839-A/14.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
AUTHORS Novak,J.E., Presnell,S.R., Sprecher,C.A., Foster,D.C., Holly,R.D.,
Gross,J.A., Johnson,J.V., Nelson,A.U., Dillon,S.R. and
Hammond,A.K.
TITLE Novel cytokine ZALPHA11 ligand
JOURNAL Patent: JP 2002537839-A 14 12-NOV-2002;
ZYMOGENETICS INC
COMMENT OS Artificial Sequence
PN JP 2002537839-A/14
PD 12-NOV-2002
PR 09-MAR-2000 JP 200603382
PI 09-MAR-1999 US 09/264908,11-MAR-1999 US 09/265992 PR
01-JUL-1999 US 60/142013
PI JULIA E NOVAK,SCOTT R PRESNELL,CINDY A SPEECHER,DONALD C PI
FOSTER,
PI RICHARD D HOLLY,JANE A GROSS,JANET V JOHNSTON,ANDREW J NELSON,
PI STACEY R DILLON,ANGELA K HAMMOND
PC C12N15/09,A61K38/00,A61K45/00,A61P35/00,A61P37/00,C07K14/52,
PC C07K14/53
PC C07K14/54,C07K14/55,C07K16/24,C07K19/00,C12N1/15,C12N1/19, PC
C12N1/21,

PC C12N5/10,C12P21/02,C12P21/02,G01N33/53,C12N15/00,C12N5/00, PC
A61K37/02
CC Oligonucleotide primer ZC19572
FH Key Location/Qualifiers
FT source 1..20
FT /organism='Artificial Sequence'.
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source 1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5157 CCTGTGGCTGTGTACAG 5174
DB 3 CCTGTGGCTGTGTCTCAG 20
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RESULT 714
LOCUS CQ764208 20 bp DNA linear PAT 03-MAR-2004
DEFINITION Sequence 2826 from Patent WO2004003201.
ACCESSION CQ764208
VERSION CQ764208.1 GI:44907444
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kane,C.D.
TITLE Antisense modulation of lrh1 expression
JOURNAL Patent: WO 2004003201-A 2826 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRH1 antisense"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1610 ATGTCTTCAATTCAGCT 1627
DB 19 ATGTCTTCAATTCAGAT 2
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RESULT 715
LOCUS CQ764275 20 bp DNA linear PAT 03-MAR-2004
DEFINITION Sequence 2893 from Patent WO2004003201.
ACCESSION CQ764275
VERSION CQ764275.1 GI:44907511
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kane,C.D.
TITLE Antisense modulation of lrh1 expression
JOURNAL Patent: WO 2004003201-A 2893 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRH1 antisense"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
 Best Local Similarity 88.9%; Pred. No. 6.1e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1607 AGCATGCTTCTACTTCA 1624
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 18 AGATGCTTCTTATTTCA 1

RESULT 716

LOCUS CQ814612 20 bp DNA linear PAT 24-MAY-2004
 DEFINITION Sequence 3 from Patent WO2004039986.
 ACCESSION CQ814612
 VERSION CQ814612.1 GI:47603795
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM artificial sequences.

REFERENCE 1
 AUTHORS Ellis,D.M., Negrotto,D.V., Shi,L., Shokkoeki,F.A. and Thomas,C.R.
 TITLE Cot102 insecticidal cotton
 JOURNAL Patent: WO 2004039986-A 3 13-MAY-2004;
 Syngeta Participations AG (CH)
 FEATURES Location/Qualifiers

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 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="COT102 nucleotide motif"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
 Best Local Similarity 88.9%; Pred. No. 6.1e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3618 GGACGTGAGCAGATCTT 3635
 |||||
 3 GGACGTGAGCAGATCTT 20

RESULT 717

LOCUS CQ814713 20 bp DNA linear PAT 24-MAY-2004
 DEFINITION Sequence 79 from Patent WO2004040012.
 ACCESSION CQ814713
 VERSION CQ814713.1 GI:47603899
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM artificial sequences.

REFERENCE 1
 AUTHORS Cheung,W.Y., Gagnon,M.J., Laforest,M. and Landry,B.S.
 TITLE Compositions and methods for identifying plants having increased
 tolerance to imidazolinone herbicides
 JOURNAL Patent: WO 2004040012-A 79 13-MAY-2004;
 BASF Plant Science GmbH (DE)
 FEATURES Location/Qualifiers

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 /db_xref="taxon:32630"
 /note="Description of Artificial Sequence: Synthetic
 oligonucleotide"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
 Best Local Similarity 88.9%; Pred. No. 6.1e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4348 TTCTCGAGTTCTACGTT 4365
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 3 TTCTCGAGTTCTTCTT 20

RESULT 718
 LOCUS CQ830063/c 20 bp DNA linear PAT 12-JUL-2004
 DEFINITION Sequence 2 from Patent EP1435394.
 ACCESSION CQ830063
 VERSION CQ830063.1 GI:50250597
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM artificial sequences.

REFERENCE 1
 AUTHORS Iwaki,Y. and Makino,Y.
 TITLE A method for quantifying a target nucleic acid
 JOURNAL Patent: EP 1435394-A 2 07-JUL-2004;
 FUJI PHOTO FILM CO., LTD. (JP)
 FEATURES Location/Qualifiers

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 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="Description of Artificial Sequence:Primer"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
 Best Local Similarity 88.9%; Pred. No. 6.1e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1264 CTACAGCCCCACCCAC 1281
 |||||
 20 CTACAGCTTCACCCAC 3

RESULT 719
 LOCUS CQ830067/c 20 bp DNA linear PAT 12-JUL-2004
 DEFINITION Sequence 6 from Patent EP1435394.
 ACCESSION CQ830067
 VERSION CQ830067.1 GI:50250601
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM artificial sequences.

REFERENCE 1
 AUTHORS Iwaki,Y. and Makino,Y.
 TITLE A method for quantifying a target nucleic acid
 JOURNAL Patent: EP 1435394-A 6 07-JUL-2004;
 FUJI PHOTO FILM CO., LTD. (JP)
 FEATURES Location/Qualifiers

1..20
 /organism="synthetic construct"
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 /db_xref="taxon:32630"
 /note="Description of Artificial Sequence:Primer"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
 Best Local Similarity 88.9%; Pred. No. 6.1e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1264 CTACAGCCCCACCCAC 1281
 |||||
 20 CTACAGCTTCACCCAC 3

RESULT 720
 LOCUS CQ830069 20 bp DNA linear PAT 12-JUL-2004
 DEFINITION Sequence 8 from Patent EP1435394.
 ACCESSION CQ830069
 VERSION CQ830069.1 GI:50250603
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM artificial sequences.

QY 1264 CTACAGCCCCACCCAC 1281
 |||||
 20 CTACAGCTTCACCCAC 3

REFERENCE 1
AUTHORS Iwaki, Y. and Makino, Y.
TITLE A method for quantifying a target nucleic acid
JOURNAL Patent: EP 1435394-A 8 07-JUL-2004;
FUJI PHOTO FILM CO., LTD. (JP)
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of Artificial Sequence:Primer"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1264 CTACAGCCCCACACACAC 1281
Db 1 CTACAGCTTCACACACAC 18

RESULT 721
LOCUS 112660 20 bp DNA linear PAT 26-JUL-1995
DEFINITION Sequence 70 from patent US 5427909.
ACCESSION 112660
VERSION 112660.1 GI:910042
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Okamoto, H. and Nakamura, T.
TITLE Oligonucleotides and determination system of HCV genotypes
JOURNAL Patent: US 5427909-A 70 27-JUN-1995;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 801 TCCTCATTCCTCCATACAG 818
Db 20 TCCTCATTCCTCCATATAG 3

RESULT 722
LOCUS 112661 20 bp DNA linear PAT 26-JUL-1995
DEFINITION Sequence 71 from patent US 5427909.
ACCESSION 112661
VERSION 112661.1 GI:910043
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Okamoto, H. and Nakamura, T.
TITLE Oligonucleotides and determination system of HCV genotypes
JOURNAL Patent: US 5427909-A 71 27-JUN-1995;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 801 TCCTCATTCCTCCATACAG 818
Db 20 TCCTCATTCCTCCATACAG 818

Db 20 TCCTCATTCCTCCATATAG 3

RESULT 723
LOCUS 112662 20 bp DNA linear PAT 26-JUL-1995
DEFINITION Sequence 72 from patent US 5427909.
ACCESSION 112662
VERSION 112662.1 GI:910044
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Okamoto, H. and Nakamura, T.
TITLE Oligonucleotides and determination system of HCV genotypes
JOURNAL Patent: US 5427909-A 72 27-JUN-1995;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 801 TCCTCATTCCTCCATACAG 818
Db 20 TCCTCATTCCTCCATATAG 3

RESULT 724
LOCUS 112664 20 bp DNA linear PAT 26-JUL-1995
DEFINITION Sequence 74 from patent US 5427909.
ACCESSION 112664
VERSION 112664.1 GI:910046
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Okamoto, H. and Nakamura, T.
TITLE Oligonucleotides and determination system of HCV genotypes
JOURNAL Patent: US 5427909-A 74 27-JUN-1995;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 801 TCCTCATTCCTCCATACAG 818
Db 20 TCCTCATTCCTCCATACAG 3

RESULT 725
LOCUS 122388 20 bp DNA linear PAT 07-OCT-1996
DEFINITION Sequence 6 from patent US 5527700.
ACCESSION 122388
VERSION 122388.1 GI:1602742
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Kaslow, D.C. and Dufly, P.E.
TITLE Target antigens of transmission blocking antibodies for malaria

JOURNAL Parasites
Patent: US 5527700-A 6 18-JUN-1996;
Location/Qualifiers
SOURCE 1. .20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 65.0%; Pred. No. 6.1e+02;
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1447 GGACATTATTTGAGATCAG 1466
||:|||||:|||||
1 CGWTTTATATATGAGATGAG 20

RESULT 726
AR181732 20 bp DNA linear PAT 20-APR-2002
LOCUS AR181732
DEFINITION Sequence 194 from patent US 6335194.
ACCESSION AR181732
VERSION AR181732.1 GI:20223946
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Bennett, C. Frank., Ackermann, E. J., Swayze, E. E. and Cowse, L. M.
TITLE Antisense modulation of survival expression
JOURNAL Patent: US 6335194-A 194 01-JAN-2002;
FEATURES
Location/Qualifiers
1. .20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1466 GAGACTTATTTGGCCGAG 1483
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20 GAGCCGATTTGGCCGAG 3

RESULT 727
AR221415 20 bp DNA linear PAT 26-SEP-2002
LOCUS AR221415
DEFINITION Sequence 54 from patent US 6426220.
ACCESSION AR221415
VERSION AR221415.1 GI:23328465
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Bennett, C. F. and Cowse, L. M.
TITLE Antisense modulation of calreticulin expression
JOURNAL Patent: US 6426220-A 54 30-JUL-2002;
FEATURES
Location/Qualifiers
1. .20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3786 TGAGCTAGTTGACAAAGA 3803
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1 TGAGGAAGTTGTCAAGA 18

RESULT 728

AR225903/c AR225903 20 bp DNA linear PAT 20-DEC-2002
LOCUS AR225903
DEFINITION Sequence 53 from patent US 6444464.
ACCESSION AR225903
VERSION AR225903.1 GI:27264057
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Wyatt, J.
TITLE Antisense modulation of E2F transcription factor 2 expression
JOURNAL Patent: US 6444464-A 53 03-SEP-2002;
FEATURES
Location/Qualifiers
1. .20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 576 GGAGAGCTGAAGAGCTT 593
|||||
19 GCAGGAGCTGAAGAGCT 2

RESULT 729
AR241702/c AR241702 20 bp DNA linear PAT 20-DEC-2002
LOCUS AR241702
DEFINITION Sequence 9 from patent US 6472153.
ACCESSION AR241702
VERSION AR241702.1 GI:27287514
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Dempsy, R. O., Afonina, I. A. and Vermeulen, N. M. J.
TITLE Hybridization-triggered fluorescent detection of nucleic acids
JOURNAL Patent: US 6472153-A 9 29-OCT-2002;
FEATURES
Location/Qualifiers
1. .20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4392 GCAGTGAAGACAAAGA 4409
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19 GCATTGAAGAAAGAA 2

RESULT 730
AR304022 20 bp DNA linear PAT 12-JUN-2003
LOCUS AR304022
DEFINITION Sequence 26 from patent US 6544765.
ACCESSION AR304022
VERSION AR304022.1 GI:31692915
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Hfort, C. M. and Pedersen, H.
TITLE Orotacetate hydrolyase deficient fungal host cells
JOURNAL Patent: US 6544765-A 26 08-APR-2003;
FEATURES
Location/Qualifiers
1. .20
/organism="unknown"
/mol_type="genomic DNA"

Query	5157	CCTCTGCGCTGTGTGCACAG	5174	Db	3	CCTGTGGCTGTGTCTCAG	20
RESULT 736	AR342889/c	AR342889	Sequence 17 from patent US 6576744.	20 bp	linear	PAT 17-AUG-2003	
LOCUS	AR342889/c	AR342889	Sequence 17 from patent US 6576744.	20 bp	linear	PAT 17-AUG-2003	
DEFINITION	AR342889	AR342889	Sequence 17 from patent US 6576744.	20 bp	linear	PAT 17-AUG-2003	
ACCESSION	AR342889	AR342889	Sequence 17 from patent US 6576744.	20 bp	linear	PAT 17-AUG-2003	
VERSION	AR342889.1	AR342889.1	GI:33738188	20 bp	linear	PAT 17-AUG-2003	
KEYWORDS	Unknown.	Unknown.	Unclassified.	20 bp	linear	PAT 17-AUG-2003	
ORGANISM	Unknown.	Unknown.	Unclassified.	20 bp	linear	PAT 17-AUG-2003	
REFERENCE	1 (bases 1 to 20)	1 (bases 1 to 20)	Unclassified.	20 bp	linear	PAT 17-AUG-2003	
AUTHORS	Presnell,S.R., Conklin,D.C., Novak,J.E. and Hammond,A.K.	Presnell,S.R., Conklin,D.C., Novak,J.E. and Hammond,A.K.	Unclassified.	20 bp	linear	PAT 17-AUG-2003	
TITLE	Cytokine receptor zaiplai1	Cytokine receptor zaiplai1	Unclassified.	20 bp	linear	PAT 17-AUG-2003	
JOURNAL	Patent: US 6576744-A 17 10-JUN-2003;	Patent: US 6576744-A 17 10-JUN-2003;	Unclassified.	20 bp	linear	PAT 17-AUG-2003	
FEATURES	Location/Qualifiers	Location/Qualifiers	Unclassified.	20 bp	linear	PAT 17-AUG-2003	
SOURCE	1..20	1..20	Unclassified.	20 bp	linear	PAT 17-AUG-2003	
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	/mol_type="genomic DNA"	/mol_type="genomic DNA"	Unclassified.	20 bp	linear	PAT 17-AUG-2003	
Query Match	0.3%;	Score 14.8;	DB 1;	Length 20;			
Best Local Similarity	88.9%;	Pred. No. 6.1e+02;					
Matches 16;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;			
QY	5157	CCTCTGCGCTGTGTGCACAG	5174	Db	3	CCTGTGGCTGTGTCTCAG	20
LOCUS	AR359687	AR359687	Sequence 57 from patent US 6593456.	20 bp	linear	PAT 17-AUG-2003	
DEFINITION	AR359687	AR359687	Sequence 57 from patent US 6593456.	20 bp	linear	PAT 17-AUG-2003	
ACCESSION	AR359687	AR359687	Sequence 57 from patent US 6593456.	20 bp	linear	PAT 17-AUG-2003	
VERSION	AR359687.1	AR359687.1	GI:33766431	20 bp	linear	PAT 17-AUG-2003	
KEYWORDS	Unknown.	Unknown.	Unclassified.	20 bp	linear	PAT 17-AUG-2003	
ORGANISM	Unknown.	Unknown.	Unclassified.	20 bp	linear	PAT 17-AUG-2003	
REFERENCE	1 (bases 1 to 20)	1 (bases 1 to 20)	Unclassified.	20 bp	linear	PAT 17-AUG-2003	
AUTHORS	Gatanaaga,T. and Granger,G.A.	Gatanaaga,T. and Granger,G.A.	Unclassified.	20 bp	linear	PAT 17-AUG-2003	
TITLE	Tumor necrosis factor receptor releasing enzyme	Tumor necrosis factor receptor releasing enzyme	Unclassified.	20 bp	linear	PAT 17-AUG-2003	
JOURNAL	Patent: US 6593456-A 57 15-JUL-2003;	Patent: US 6593456-A 57 15-JUL-2003;	Unclassified.	20 bp	linear	PAT 17-AUG-2003	
FEATURES	Location/Qualifiers	Location/Qualifiers	Unclassified.	20 bp	linear	PAT 17-AUG-2003	
SOURCE	1..20	1..20	Unclassified.	20 bp	linear	PAT 17-AUG-2003	
	/organism="unknown"	/organism="unknown"	Unclassified.	20 bp	linear	PAT 17-AUG-2003	
	/mol_type="genomic DNA"	/mol_type="genomic DNA"	Unclassified.	20 bp	linear	PAT 17-AUG-2003	
Query Match	0.3%;	Score 14.8;	DB 1;	Length 20;			
Best Local Similarity	88.9%;	Pred. No. 6.1e+02;					
Matches 16;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;			
QY	4937	TTGGTGTGATGCTTTGCTG	4954	Db	1	TGGGTGTGATGCTTTGCTG	18
LOCUS	AR371268	AR371268	Sequence 4 from patent US 6395474.	20 bp	linear	PAT 12-SEP-2003	
DEFINITION	AR371268	AR371268	Sequence 4 from patent US 6395474.	20 bp	linear	PAT 12-SEP-2003	
ACCESSION	AR371268	AR371268	Sequence 4 from patent US 6395474.	20 bp	linear	PAT 12-SEP-2003	
VERSION	AR371268.1	AR371268.1	GI:34608200	20 bp	linear	PAT 12-SEP-2003	
KEYWORDS	Unknown.	Unknown.	Unclassified.	20 bp	linear	PAT 12-SEP-2003	

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SOURCE          Unknown.
ORGANISM        Unknown.
REFERENCE       Unclassified.
AUTHORS         1 (bases 1 to 20)
TITLE           Buchard, O., Egholm, M., Nielsen, P.E. and Berg, R.H.
JOURNAL         Peptide nucleic acids
FEATURES       Patent: US 6395474-A 4 28-MAY-2002;
                Location/Qualifiers
                1..20
                /organism="unknown"
                /mol_type="genomic DNA"

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5404 AAAAAAGAAAAATGAAAA 5421
Db      1 AAAAAAAAAAAAAAAAAA 18

RESULT 739
LOCUS      AR374052                20 bp      DNA      linear      PAT 18-DEC-2003
DEFINITION Sequence 15 from patent US 6605272.
ACCESSION  AR374052
VERSION     AR374052.1 GI:40076624
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   Unclassified.
AUTHORS     1 (bases 1 to 20)
TITLE       Novak, J.E., Presnell, S.R., Sprecher, C.A., Foster, D.C., Holly, R.D.,
JOURNAL     Grosz, J.A., Johnston, J.V., Nelson, A.J., Dillon, S.R. and
FEATURES    Hammond, A.K.
            Methods of using zalphal1 ligand
            Patent: US 6605272-A 15 12-AUG-2003;
            Location/Qualifiers
            1..20
            /organism="unknown"
            /mol_type="genomic DNA"

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5157 CCTCGGCTGTGTACACG 5174
Db      3 CCTGTGGCTGTGTCTCAG 20

RESULT 740
LOCUS      AR410779                20 bp      DNA      linear      PAT 18-DEC-2003
DEFINITION Sequence 222 from patent US 6635468.
ACCESSION  AR410779
VERSION     AR410779.1 GI:40162279
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   Unclassified.
AUTHORS     1 (bases 1 to 20)
TITLE       Ashkenazi, A., Botstein, D., Deenoyers, L., Eaton, D.L., Ferrara, N.,
JOURNAL     Flivarcoff, E., Fong, S., Gao, W.-Q., Garber, H., Gerltsen, M.E.,
FEATURES    Goddard, A., Godowski, P.J., Grimaldi, J.C., Gurney, A.L., Hillan, K.J.,
            Kijavini, I.J., Mather, J.P., Pan, J., Paoni, N.F., Roy, M.A.,
            Stewart, T.A., Tumas, D., Williams, P.M. and Wood, W.I.
            Secreted and transmembrane polypeptides and nucleic acids encoding
            the same
            Patent: US 6635468-A 222 21-OCT-2003;
            Location/Qualifiers
            1..20
            /organism="unknown"

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/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1211 GCAGGCCCCCATGGGCAG 1228
|||||
Db 2 GCAGGCCCCCATGGCCAG 19

RESULT 741
AR439143 20 bp DNA linear PAT 20-FEB-2004
LOCUS Sequence 222 from patent US 6664376.
DEFINITION AR439143
ACCESSION AR439143
VERSION AR439143.1 GI:42664992
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 20)
AUTHORS Ashkenazi, A., Botstein, D., Desnoyers, L., Eaton, D.L., Ferrara, N., Flvaroff, E., Fong, S., Gao, W.-Q., Geider, H., Gertlisen, M.B., Goddard, A., Godowski, P.J., Grimaldi, J.C., Gurney, A.L., Hillan, K.J., Kljavin, I.J., Mather, J.P., Pan, J., Paoni, N.F., Roy, M.A., Stewart, T.A., Tunes, D., Williams, P.M. and Wood, W.I.
TITLE Secreted and transmembrane polypeptides and nucleic acids encoding the same
JOURNAL Patent: US 6664376-A 222 16-DEC-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1211 GCAGGCCCCCATGGGCAG 1228
|||||
Db 2 GCAGGCCCCCATGGCCAG 19

RESULT 742
AR456202 20 bp DNA linear PAT 20-FEB-2004
LOCUS Sequence 15 from patent US 6686178.
DEFINITION AR456202
ACCESSION AR456202
VERSION AR456202.1 GI:42691225
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 20)
AUTHORS Novak, J.E., Presnell, S.R., Sprecher, C.A., Foster, D.C., Holly, R.D., Gross, J.A., Johnston, J.V., Nelson, A.J., Dillon, S.R. and Hammond, A.K.
TITLE Cytokine zai1pall 1 ligand polynucleotides
JOURNAL Patent: US 6686178-A 15 03-FEB-2004;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5157 CCTGTGGCTGTGTCAAG 5174
|||||
Db 3 CCTGTGGCTGTGTCTCAG 20

RESULT 743
AR473163 20 bp DNA linear PAT 20-FEB-2004
LOCUS Sequence 222 from patent US 6686451.
DEFINITION AR473163
ACCESSION AR473163
VERSION AR473163.1 GI:42708538
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 20)
AUTHORS Desnoyers, L., Goddard, A., Godowski, P.J., Gurney, A.L., Mather, J.P., Williams, P.M. and Wood, W.I.
TITLE Secreted and transmembrane polypeptides and nucleic acids encoding the same
JOURNAL Patent: US 6686451-A 222 03-FEB-2004;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1211 GCAGGCCCCCATGGGCAG 1228
|||||
Db 2 GCAGGCCCCCATGGCCAG 19

RESULT 744
AR475097 20 bp DNA linear PAT 20-FEB-2004
LOCUS Sequence 15 from patent US 6632924.
DEFINITION AR475097
ACCESSION AR475097
VERSION AR475097.1 GI:42714300
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 20)
AUTHORS Presnell, S.R., Conklin, D.C., Novak, J.E. and Hammond, A.K.
TITLE Methods of using cytokine receptor zai1pall to detect its ligands
JOURNAL Patent: US 6632924-A 15 17-FEB-2004;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5157 CCTGTGGCTGTGTCAAG 5174
|||||
Db 3 CCTGTGGCTGTGTCTCAG 20

RESULT 745
AR475099 20 bp DNA linear PAT 20-FEB-2004
LOCUS Sequence 17 from patent US 6692924.
DEFINITION AR475099
ACCESSION AR475099
VERSION AR475099.1 GI:42714302
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 20)
AUTHORS Presnell, S.R., Conklin, D.C., Novak, J.E. and Hammond, A.K.
TITLE Methods of using cytokine receptor zai1pall to detect its ligands
JOURNAL Patent: US 6692924-A 17 17-FEB-2004;

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FEATURES
source
    Location/Qualifiers
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    /organism="unknown"
    /mol_type="genomic DNA"

Query Match
Best Local Similarity 88.9%; Score 14.8; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5157 CCTCTGCTGCTGCTCAG 5174
Db 18 CCTGTGCTGCTGCTCAG 1

RESULT 746
AR489489
LOCUS AR489489 20 bp DNA linear PAT 15-MAY-2004
DEFINITION Sequence 4 from patent US 6710163.
ACCESSION AR489489
VERSION AR489489.1 GI:47256514
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Buchardt,O., Egholm,M., Nielsen,P.E. and Berg,R.H.
TITLE Peptide nucleic acid synthesis
JOURNAL Patent: US 6710163-A 4 23-MAR-2004;
FEATURES
source
    Location/Qualifiers
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    /organism="unknown"
    /mol_type="genomic DNA"

Query Match
Best Local Similarity 88.9%; Score 14.8; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5404 AAAAAGAAAAATGAAAA 5421
Db 1 AAAAAGAAAAATGAAAA 18

RESULT 747
AR491100
LOCUS AR491100 20 bp DNA linear PAT 15-MAY-2004
DEFINITION Sequence 4 from patent US 6713602.
ACCESSION AR491100
VERSION AR491100.1 GI:47258960
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Buchardt,O., Buchardt,D., Egholm,M., Nielsen,P.E. and Berg,R.H.
TITLE Synthetic procedures for peptide nucleic acids
JOURNAL Patent: US 6713602-A 4 30-MAR-2004;
FEATURES
source
    Location/Qualifiers
    1..20
    /organism="unknown"
    /mol_type="genomic DNA"

Query Match
Best Local Similarity 88.9%; Score 14.8; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5404 AAAAAGAAAAATGAAAA 5421
Db 1 AAAAAGAAAAATGAAAA 18

RESULT 748
AX040968
LOCUS AX040968 20 bp DNA linear PAT 23-NOV-2000

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DEFINITION Sequence 15 from Patent WO0065040.
ACCESSION AX040968
VERSION AX040968.1 GI:11340564
KEYWORDS
SOURCE
ORGANISM Zea mays
Zea mays
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; PACCAD
clade; Panicoidae; Andropogoneae; Zea.
REFERENCE 1
AUTHORS Helentjaris,T.G., Habben,J.E. and Sun,Y.
TITLE Cell cycle genes and methods of use
JOURNAL Patent: WO 0065040-A 15 02-NOV-2000;
PIONEER HI-BRED INTERNATIONAL, INC. (US)
FEATURES
source
    Location/Qualifiers
    1..20
    /organism="Zea mays"
    /mol_type="unassigned DNA"
    /db_xref="taxon:4577"

Query Match
Best Local Similarity 88.9%; Score 14.8; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4620 GGAGCAGTACGAGAGGCT 4637
Db 3 GGAGCAGTACGAGAGGCT 20

RESULT 749
AX104312/C
LOCUS AX104312 20 bp DNA linear PAT 30-APR-2001
DEFINITION Sequence 504 from Patent WO0122972.
ACCESSION AX104312
VERSION AX104312.1 GI:13920509
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Krieg,A.M., Schetter,C. and Vollmer,J.C.
TITLE Immunostimulatory nucleic acids
JOURNAL Patent: WO 0122972-A 504 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
GmbH (DE)
FEATURES
source
    Location/Qualifiers
    1..20
    /organism="synthetic construct"
    /mol_type="unassigned DNA"
    /db_xref="taxon:32630"

Query Match
Best Local Similarity 88.9%; Score 14.8; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1133 CCCAATGGCCTCGATG 1150
Db 20 CCCAATGGCCTCGATG 3

RESULT 750
AX149130
LOCUS AX149130 20 bp DNA linear PAT 08-JUN-2001
DEFINITION Sequence 332 from Patent WO0136625.
ACCESSION AX149130
VERSION AX149130.1 GI:14347654
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Wright,J.A., Young,A.H. and Dugourd,D.
TITLE Antisense oligonucleotide sequences derived from groel and groes as

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JOURNAL inhibitors of microorganisms
Patent: WO 0136625-A 332 25-MAY-2001;
Genesense Technologies Inc. (CA)
FEATURES
source
1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Antisense oligonucleotide"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5395 AAAAAACAAACAAAGAAA 5412
|||||
3 AAAAAACAAACAAAGAAA 20

RESULT 751
AX293420 20 bp DNA linear PAT 21-NOV-2001
LOCUS Sequence 5182 from Patent WO0179548.
DEFINITION AX293420
ACCESSION AX293420
VERSION AX293420.1 GI:17055103
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
AUTHORS Barany,F., Zivvi,M., Gerry,N.P., Favis,R. and Kliman,R.
TITLE Method of designing addressable array for detection of nucleic acid
JOURNAL sequence differences using ligase detection reaction
PATENT: WO 0179548-A 5182 25-OCT-2001;
CORNBEL RESEARCH FOUNDATION, INC. (US)
FEATURES
source
1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 4777 GGCAGCAAAAGGACTC 4794
|||||
1 GGTAGCAAAAGGAGCGC 18

RESULT 752
AX355006 20 bp DNA linear PAT 06-FEB-2002
LOCUS Sequence 34 from Patent WO0197843.
DEFINITION AX355006
ACCESSION AX355006
VERSION AX355006.1 GI:18619673
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
AUTHORS Weiner,G. and Hartmann,G.
TITLE Methods for enhancing antibody-induced cell lysis and treating
JOURNAL cancer
PATENT: WO 0197843-A 34 27-DEC-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
FEATURES
source
1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic oligonucleotide"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1133 CCCATGGCCTCTGATG 1150
|||||
20 CCGATGGCCTCAGATG 3

RESULT 753
AX477204 20 bp DNA linear PAT 12-AUG-2002
LOCUS Sequence 295 from Patent WO0220848.
DEFINITION AX477204
ACCESSION AX477204
VERSION AX477204.1 GI:22216457
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
AUTHORS Bodnar,J.S., Castellani,L.W., Chatterjee,A., de Jong,P.,
TITLE Luisi,A.J., Ohmen,J., Ross,D., Tafuri,S. and Wu,C.
JOURNAL Gene and sequence variation associated with cancer
PATENT: WO 0220848-A 295 14-MAR-2002;
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (US)
FEATURES
source
1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Primer"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3598 CAGGCTAATCTCAACTC 3615
|||||
1 CAGGCTAACCCTCAACTC 18

RESULT 754
AX487842 20 bp DNA linear PAT 16-AUG-2002
LOCUS Sequence 5142 from Patent WO02053728.
DEFINITION AX487842
ACCESSION AX487842
VERSION AX487842.1 GI:22321922
KEYWORDS
SOURCE Candida albicans
ORGANISM Candida albicans
REFERENCE
AUTHORS Roemer,T., Jiang,B., Boone,C., Bussey,H. and Ohlsen,K.L.
TITLE Gene disruption methodologies for drug target discovery
JOURNAL Patent: WO 02053728-A 5142 11-JUN-2002;
Eli Lilly Pharmaceuticals, Inc. (US)
FEATURES
source
1.20
/organism="Candida albicans"
/mol_type="unassigned DNA"
/db_xref="taxon:5476"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4962 TGTGTTCATGCCAGGAT 4979
|||||
1 TGTGTTCATGCCAGGAT 18


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RESULT 755
AX498235          20 bp      DNA      linear      PAT 26-SEP-2002
LOCUS
DEFINITION      Sequence 58 from Patent WO0242461.
ACCESSION      AX498235
VERSION        AX498235.1  GI:23343154
KEYWORDS
SOURCE
ORGANISM      synthetic construct
               artificial sequences.
REFERENCE
AUTHORS      1 Chen, R., Chu, Z. L., Dang, H. T., Lowitz, K. P. and Pride, C.
TITLE      Endogenous and non-endogenous versions of human g protein-coupled
            receptors
JOURNAL      Patent: WO 0242461-A 58 30-MAY-2002;
            Arena Pharmaceuticals, Inc. (US)
FEATURES
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               /db_xref="taxon:32630"
               /note="Novel Sequence"

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2921 TCTTCTCCGCTCTCAAG 2938
Db      3 TCTTCTCCGACGTCAAG 20

RESULT 756
AX498236          20 bp      DNA      linear      PAT 26-SEP-2002
LOCUS
DEFINITION      Sequence 59 from Patent WO0242461.
ACCESSION      AX498236
VERSION        AX498236.1  GI:23343155
KEYWORDS
SOURCE
ORGANISM      synthetic construct
               artificial sequences.
REFERENCE
AUTHORS      1 Chen, R., Chu, Z. L., Dang, H. T., Lowitz, K. P. and Pride, C.
TITLE      Endogenous and non-endogenous versions of human g protein-coupled
            receptors
JOURNAL      Patent: WO 0242461-A 59 30-MAY-2002;
            Arena Pharmaceuticals, Inc. (US)
FEATURES
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               /db_xref="taxon:32630"
               /note="Novel Sequence"

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2921 TCTTCTCCGCTCTCAAG 2938
Db      3 TCTTCTCCGACGTCAAG 20

RESULT 757
AX498237          20 bp      DNA      linear      PAT 26-SEP-2002
LOCUS
DEFINITION      Sequence 60 from Patent WO0242461.
ACCESSION      AX498237
VERSION        AX498237.1  GI:23343156
KEYWORDS
SOURCE
ORGANISM      synthetic construct
               artificial sequences.

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REFERENCE
AUTHORS      1 Chen, R., Chu, Z. L., Dang, H. T., Lowitz, K. P. and Pride, C.
TITLE      Endogenous and non-endogenous versions of human g protein-coupled
            receptors
JOURNAL      Patent: WO 0242461-A 60 30-MAY-2002;
            Arena Pharmaceuticals, Inc. (US)
FEATURES
source
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               /db_xref="taxon:32630"
               /note="Novel Sequence"

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2921 TCTTCTCCGCTCTCAAG 2938
Db      3 TCTTCTCCGACGTCAAG 20

RESULT 758
AX526580          20 bp      DNA      linear      PAT 21-NOV-2002
LOCUS
DEFINITION      Sequence 295 from Patent WO0220847.
ACCESSION      AX526580
VERSION        AX526580.1  GI:25171387
KEYWORDS
SOURCE
ORGANISM      synthetic construct
               artificial sequences.
REFERENCE
AUTHORS      1 Bodnar, J. S., Castellani, L. W., Chatterjee, A., de Jong, P.,
            Lusis, A. J., Omen, J., Ross, D., Tahir, S. and Wu, C.
TITLE      Gene and sequence variation associated with lipid disorder
            THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (US)
JOURNAL      Patent: WO 0220847-A 295 14-MAR-2002;
            Location/Qualifiers
FEATURES
source
               1..20
               /organism="synthetic construct"
               /mol_type="unassigned DNA"
               /db_xref="taxon:32630"
               /note="Synthetic Primer"

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3598 CAGGCTAATCTCAACTC 3615
Db      1 CAGGCTAACCCTCAACTC 18

RESULT 759
AX547365          20 bp      DNA      linear      PAT 01-MAR-2003
LOCUS
DEFINITION      Sequence 504 from Patent WO02053141.
ACCESSION      AX547365
VERSION        AX547365.1  GI:25812509
KEYWORDS
SOURCE
ORGANISM      synthetic construct
               artificial sequences.
REFERENCE
AUTHORS      1 Bratzler, R. L.
TITLE      Inhibition of angiogenesis by nucleic acids
            Patent: WO 02053141-A 504 11-SEP-2002;
            Coley Pharmaceutical Group, Inc. (US)
JOURNAL      Location/Qualifiers
FEATURES
source
               1..20
               /organism="synthetic construct"

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Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1133 CCCAATGCCCTCTGATG 1150
|||
20 CCGAATGCCCTCAGATG 3

RESULT 760
AX587514 20 bp DNA linear PAT 10-JAN-2003
LOCUS Sequence 24 from Patent WO0236751.
ACCESSION AX587514
VERSION AX587514.1 GI:27656330
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="3 primer for the CD105 gene"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4213 GTCACCTCTGTGTGTTG 4230
|||
3 GGCAGCTCTGTGTGTTG 20

RESULT 761
AX697631 20 bp DNA linear PAT 02-APR-2003
LOCUS Sequence 222 from Patent WO0104311.
ACCESSION AX697631
VERSION AX697631.1 GI:29498725
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS

1
Ashkenazi,A.J., Botstein,D., Desnovers,L., Eaton,D.L., Ferrara,N.,
Filvaroff,E., Fong,S., Gao,W.Q., Gerber,H., Gertlisen,M.B.,
Goddard,A., Godowski,P.J., Grimaldi,C.J., Gurney,A.L., Hillan,K.J.,
Kljasiv,I.J., Mather,J.P., Pan,J., Paoni,N.F., Roy,M.A.,
Stewart,T.A., Tumas,D., Williams,P.M. and Wood,W.I.
Secreted and transmembrane polypeptides and nucleic acids encoding
the same
Patent: WO 0104311-A 222 18-JAN-2001;
Genentech Inc. (US)
Location/Qualifiers
1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Oligonucleotide Probe"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1211 GCAGGCCCCCATGGCAG 1228
|||
2 GCAGGCCCCCATGGCAG 19

RESULT 762
AX742761 20 bp DNA linear PAT 12-MAY-2003
LOCUS Sequence 564 from Patent EP1302550.
ACCESSION AX742761
VERSION AX742761.1 GI:30576750
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS

1
Lin,C.Y., Lin,R.W., You,C.M., Huang,H.H., Lee,B.H., Lee,H.H.,
Lin,Y.J., Fan,C.C., Hsu,H.C., Shih,C.W., Yen,C.H., Kao,Y.F.,
Pan,C.L. and Chan,P.
Method and detector for identifying subtypes of human papilloma
viruses
Patent: EP 1302550-A 564 16-APR-2003;
King Car Food Industrial Co., Ltd. (TW)
Location/Qualifiers
1.20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide for Identifying HPV CP8034"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGCAG 2658
|||
2 CTGCAGCTGCTGCTGCAG 19

RESULT 763
AX798240 20 bp DNA linear PAT 08-OCT-2003
LOCUS Sequence 13 from Patent WO03054755.
ACCESSION AX798240
VERSION AX798240.1 GI:37604518
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS

1
Hardham,J., King,K., Krishnan,R., McGavin,D. and Dreier,K.
Vaccine for periodontal disease
Patent: WO 03054755-A 13 03-JUL-2003;
Pfizer Products Inc. (US)
Location/Qualifiers
1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="PF2185-AP3"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5040 TGGCAAGACCCCTGCAGA 5057
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2 TGGCAAGACTCTTGCAGA 19

RESULT 764

AX804995/c
LOCUS AX804995 20 bp DNA linear PAT 25-NOV-2003
DEFINITION Sequence 1163 from Patent WO03060160.
ACCESSION AX804995
VERSION AX804995.1 GI:38522136
KEYWORDS
SOURCE
ORGANISM
Oreochromis niloticus (Nile tilapia)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Actinopterygii; Neopterygii; Teleostei; Euteleostei; Neoteleostei;
Acanthomorpha; Acanthopterygii; Perciformes; Perciformes;
Labroidae; Cichlidae; Oreochromis.
REFERENCE
1
AUTHORS Lie Y., Sletten A., Hoeyum M. and Lingaas F.
TITLE Verification of food origin based on nucleic acid pattern
JOURNAL Patent: WO 03060160-A 1163 24-JUL-2003;
Genomax ASA (NO)
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Location/Qualifiers
/organism="Oreochromis niloticus"
/mol_type="unassigned DNA"
/db_xref="taxon:8128"
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Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 3302 TAGACCTGCAGCAGACA 3319
Db 20 TAGAGCTGCACAGACA 3
RESULT 765
AX962802 20 bp DNA linear PAT 14-JAN-2004
LOCUS AX962802
DEFINITION Sequence 58 from Patent WO03104458.
ACCESSION AX962802
VERSION AX962802.1 GI:40881915
KEYWORDS
SOURCE
ORGANISM
synthetic construct
synthetic construct
artificial sequences.
REFERENCE
1
AUTHORS Baker, B.F., Freier, S.M. and Dobie, K.W.
TITLE Antisense modulation of IL-1 receptor-associated kinase-1
JOURNAL expression
Patent: WO 03104458-A 58 18-DEC-2003;
ISIS PHARMACEUTICALS, INC. (US)
FEATURES
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Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1634 AGCTGGCCAGTCAAG 1651
Db 2 AGCTGGCCAGGCCAG 19
RESULT 766
BD007716 20 bp DNA linear PAT 31-JAN-2002
LOCUS BD007716
DEFINITION Dioxin receptor gene and utilization thereof.
ACCESSION BD007716
VERSION BD007716.1 GI:18636089
KEYWORDS
SOURCE
synthetic construct

ORGANISM
synthetic construct
artificial sequences.
REFERENCE
1 (bases 1 to 20)
AUTHORS
TITLE
JOURNAL
COMMENT
Dioxin receptor gene and utilization thereof
Patent: JP 2001078782-A 11 27-MAR-2001;
SUMITOMO CHEMICAL CO LTD
OS Artificial Sequence
PN JP 2001078782-A/11
PD 27-MAR-2001
PR 27-APR-2000 JP 2000127243
PI
PR NORIHA OE
PC C12N15/09, C07K14/705, C12N1/15, C12N1/19, C12N1/21, C12N5/10, PC
C12N7/00,
PC C12P21/02, C12Q1/02, G01N33/15, G01N33/50, G01N33/566, C12N15/00,
PC C12N5/00
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FH Key
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 515 GGACAGAGATGGCTGCG 532
Db 2 GACAGAGCTGGCTGCG 19
RESULT 767
BD075550 20 bp DNA linear PAT 27-AUG-2002
LOCUS BD075550
DEFINITION Secretory and transmembrane polypeptide and nucleic acid encoding
the same.
ACCESSION BD075550
VERSION BD075550.1 GI:22621153
KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.
REFERENCE
1 (bases 1 to 20)
AUTHORS Wood, W.I., Gurney, A.L., Goddard, A., Penica, D., Chen, J. and Yuan, J.
TITLE Secretory and transmembrane polypeptide and nucleic acid encoding
the same
JOURNAL Patent: JP 2001516580-A 183 02-OCT-2001;
GENENTECH INC
OS Artificial Sequence
PN JP 2001516580-A/183
PD 02-OCT-2001
PR 16-SEP-1998 JP 2000511867
PR 17-SEP-1997 US 60/059115, 17-SEP-1997 US 60/059184 PR
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18-SEP-1997 US 60/059266, 15-OCT-1997 US 60/062125 PR
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29-OCT-1997 US 60/064215, 29-OCT-1997 US 60/063735 PR
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03-NOV-1997 US 60/064248, 07-NOV-1997 US 60/064809 PR
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18-NOV-1997 US 60/065693, 21-NOV-1997 US 60/066120 PR
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25-NOV-1997 US 60/066511, 24-NOV-1997 US 60/066453 PR
25-NOV-1997 US 60/066840
PI WILLIAM I WOOD, AUSTIN L GURNEY, AUDLEY GODDARD, DIANE PENICA, PI
JEAN CHEN
PI JEAN YUAN
PC C12N15/09, C07K14/47, C07K14/705, C07K16/18, C07K16/28, C07K19/00,
PC C12N1/19,
PC C12N1/21, C12N5/10, C12P21/02, C12P21/08, C12Q1/02//C12P21/08, PC
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PC C12N15/00, C12N5/00
CC Description of Artificial Sequence: Synthetic FH Key
Location/Qualifiers
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source 1. .20
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Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1211 GCAGGCCCGCATGGCAG 1228
Db 2 GCAGGCCCGCATGGCCAG 19
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|||

RESULT 768
BD090153 20 bp DNA linear PAT 27-AUG-2002
LOCUS A method of arraying genome clone.
DEFINITION BD090153
ACCESSION BD090153
VERSION BD090153.1 GI:22635763
KEYWORDS JP 2001321190-A/2397.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Soeda, E.
TITLE A method of arraying genome clone
JOURNAL Patent: JP 2001321190-A 2397 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTEC
OS Artificial Sequence
COMMENT PN JP 2001321190-A/2397
PD 20-NOV-2001
PF 12-MAR-2001 JP 2001068285
PI EIICHI SOEDA
PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC
C12N15/00
CC Description of Artificial Sequence: Synthetic DNA FH Key
Location/Qualifiers
FT source 1. .20
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 448 CACTGTTCTGCGCTGCC 465
Db 18 CACTGACTGCTGCTGCC 1
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RESULT 769
BD106301 20 bp DNA linear PAT 18-SEP-2002
LOCUS Novel LDL-receptor.
DEFINITION BD106301
ACCESSION BD106301
VERSION BD106301.1 GI:23201119
KEYWORDS JP 2002501376-A/316.
SOURCE Chlamydia sp.
ORGANISM Chlamydia sp.
REFERENCE 1 (bases 1 to 20)
Bacteria; Chlamydiae; Chlamydiales; Chlamydiaceae; Chlamydia.
AUTHORS Todd, J. A., Hess, J. W., Caskey, C. T., Cox, R. D., Gerhold, D., Hammond, H.
and Hey, P.
TITLE Novel LDL-receptor
JOURNAL Patent: JP 2002501376-A 316 15-JAN-2002;
THE WELLCOME TRUST LTD AS TRUSTEE TO THE WELLCOME TRUST, MERCK & CO
INC
COMMENT PN JP 2002501376-A/316
PD 15-JAN-2002
PF 15-APR-1998 JP 1998543635
PR 15-APR-1997 US 60/043553, 05-JUN-1997 US 60/048740 PI
JOHN ANDREW TODD, JOHN WILFRED HESS, CHARLES
THOMAS CASKEY, ROGER
PI DAVID COX,
PI DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY
PC C12N15/12, C12N15/11, C12Q1/68, C07K14/705, C07K16/28, A61K38/17,
PC A61K39/395,
PC A61K48/00
CC Strandedness: Single;
CC Topology: Linear;
FH Key Location/Qualifiers.
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/mol_type="genomic DNA"
/db_xref="taxon:35827"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4793 TCCTGCCACTCGACGCT 4810
Db 1 TCATGTCACCTCGACGCT 18
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RESULT 770
BD141118 20 bp DNA linear PAT 18-SEP-2002
LOCUS A highly sensitive method for detecting nucleic acids.
DEFINITION BD141118
ACCESSION BD141118
VERSION BD141118.1 GI:23236063
KEYWORDS WO 0202814-A/28.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Mineno, J., Meiyanato, E., Ishida, N., Takeya, T., Asada, K. and Kato, I.
TITLE A highly sensitive method for detecting nucleic acids
JOURNAL Patent: WO 0202814-A 28 10-JAN-2002;
TAKARA SHUZO CO LTD, JUNICHI MINENO, EDY MEIYANTO, NORIHIRO ISHIDA,
TATSUO TAKEYA, KIYOZO ASADA, IKUNOSHIN KATO
OS Artificial Sequence
COMMENT PN WO 0202814-A/28
PD 10-JAN-2002
PF 04-JUL-2001 WO 2001JP005783
PR 05-JUL-2000 JP 00P 204177, 26-APR-2001 JP 01P 129603 PI

JUNICHI MINENO, EDY MEIYANTO, NORIHIRO ISHIDA, TATSUO TAKEYA, PI
KIYOZO ASADA,
PI IKUNOSHIN KATO
PC C12Q1/68, C12P19/34, C12N15/09
CC Designed oligonucleotide primer to amplify a portion of PCNA
CC
FH Key gene
FT source 1..20 Location/Qualifiers
FT Location/Qualifiers
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/mol_type='synthetic construct'
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Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1739 TCTTCATCCCTCGATGCG 1756
DB 1 TCTTCATCCCTCGATCTTG 18

RESULT 771
BD170376 20 bp DNA linear PAT 17-JAN-2003
LOCUS BD170376 Novel formate dehydrogenase and process for producing the same.
ACCESSION BD170376
VERSION BD170376.1 GI:27876188
KEYWORDS MO 0246427-A/6
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Takeaka, Y. and Namba, H.
TITLE Novel formate dehydrogenase and process for producing the same
JOURNAL Patent: WO 0246427-A 6 13-JUN-2002;
KANERA CORP, YASUKO TAKAOKA, HIROKAZU NAMBA
COMMENT OS Artificial Sequence
PN WO 0246427-A/6
PD 13-JUN-2002
PR 04-DEC-2001 WO 2001JP010569
PR 04-DEC-2000 JP 00P 368838
PI YASUKO TAKAOKA, HIROKAZU NAMBA
PC C12N15/53, C12N9/04, C12N1/21
CC Description of Artificial Sequence: primer-4
FH Key Location/Qualifiers
FT source 1..20 Location/Qualifiers
FT Location/Qualifiers
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/mol_type='synthetic construct'
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Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4664 AGATGGCGAGCGTGTCA 4681
DB 2 AGAGCGTGAAGCTGTTC 19

RESULT 772
BD172410 20 bp DNA linear PAT 18-FEB-2003
LOCUS BD172410 Secreted and transmembrane polypeptides and nucleic acids encoding
DEFINITION the same.
ACCESSION BD172410.1 GI:28413710
VERSION BD172410.1 GI:28413710
KEYWORDS JP 2002223786-A/183.

SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Wood, W.I., Gurney, A.L., Goddard, A., Pennica, D., Zheng, J. and Yuan, J.
TITLE Secreted and transmembrane polypeptides and nucleic acids encoding
JOURNAL Patent: JP 2002223786-A 183 13-AUG-2002;
GENENTECH INC
COMMENT OS Artificial Sequence
PN JP 2002223786-A/183
PD 13-AUG-2002
PR 18-DEC-2001 JP 2001385135
PR 17-SEP-1997 US 60/059115, 17-SEP-1997 US 60/059184 PR
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07-NOV-1997 US 60/064809, 12-NOV-1997 US 60/065166 PR
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24-NOV-1997 US 60/066453, 25-NOV-1997 US 60/066840 PI
WILLIAM I WOOD, AUSTIN L GURNEY, AUDREY GODDARD, DIANE PENNICA, PI
JIAN ZHENG,
PI JEAN YUAN
PC C12N15/09, C07K14/47, C07K16/18, C07K19/00, C12N1/19, C12N1/21, PC
C12N5/10,
PC C12P21/02, C12P21/08, (C12P21/02, C12R1:19), (C12P21/02, C12R1:91), PC
(C12P21/02, C12R1:645), C12N15/00, C12N5/00
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FT Location/Qualifiers
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/db_xref='taxon:32630'

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1211 GCAGGCGCCGATGCGCAG 1228
DB 2 GCAGGCGCTCATGCGCAG 19

RESULT 773
BD172729 20 bp DNA linear PAT 18-FEB-2003
LOCUS BD172729 Secreted and transmembrane polypeptides and nucleic acids encoding
DEFINITION the same.
ACCESSION BD172729
VERSION BD172729.1 GI:28414033

KEYWORDS JP 2002238586-A/183.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
AUTHORS Wood, W.I., Gurney, A.L., Goddard, A., Pennica, D., Zheng, J. and Yuan, J.
TITLE Secreted and transmembrane polypeptides and nucleic acids encoding the same
JOURNAL Patent: JP 2002238586-A 183 27-AUG-2002;
GENENTECH INC
COMMENT OS Artificial Sequence
PN JP 2002238586-A/183
PD 27-AUG-2002
PF 18-DEC-2001 JP 2001385205
PR 17-SEP-1997 US 60/059115, 17-SEP-1997 US 60/059184 PR
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21-NOV-1997 US 60/066120, 21-NOV-1997 US 60/066364 PR
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WILLIAM I WOOD, AUSTIN L GURNEY, ANDREY GODDARD, DIANE PENNICA, PI
JIAN ZHENG,
PI JEAN YUAN
PC C12N15/09, C07K14/47, C07K16/18, C07K19/00, C12N1/19, C12N1/21, PC
C12N5/10,
PC C12P21/02, C12P21/08, (C12N1/19, C12R1:645), (C12N1/21, C12R1:19),
PC (C12N5/10, C12R1:91), (C12P21/02, C12R1:91), (C12P21/02, C12R1:645), PC
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CC Description of Artificial Sequence: Synthetic FH Key
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6, 1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1211 GCAGGCCCTCATGGCCAG 1228
DB 2 GCAGGCCCTCATGGCCAG 19

RESULT 774
BD173048 20 bp DNA linear PAT 18-FEB-2003
LOCUS Secreted and transmembrane polypeptides and nucleic acids encoding
DEFINITION

the same.
ACCESSION BD173048 GI:28414354
VERSION BD173048.1
KEYWORDS JP 2002238587-A/183.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
AUTHORS Wood, W.I., Gurney, A.L., Goddard, A., Pennica, D., Zheng, J. and Yuan, J.
TITLE Secreted and transmembrane polypeptides and nucleic acids encoding the same
JOURNAL Patent: JP 2002238587-A 183 27-AUG-2002;
GENENTECH INC
COMMENT OS Artificial Sequence
PN JP 2002238587-A/183
PD 27-AUG-2002
PF 18-DEC-2001 JP 2001385248
PR 17-SEP-1997 US 60/059115, 17-SEP-1997 US 60/059184 PR
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24-NOV-1997 US 60/066770, 24-NOV-1997 US 60/066511 PR
24-NOV-1997 US 60/066453, 25-NOV-1997 US 60/066840 PI
WILLIAM I WOOD, AUSTIN L GURNEY, ANDREY GODDARD, DIANE PENNICA, PI
JIAN ZHENG,
PI JEAN YUAN
PC C12N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10, PC
C12N5/02,
PC C12P21/02, C12P21/08, (C12P21/02, C12R1:91), (C12P21/02, C12R1:19), PC
(C12P21/02, C12R1:645), C12N5/00, C12N5/00, C12N5/00 CC
Description of Artificial Sequence: Synthetic FH Key
Location/Qualifiers
FT source 1..20
Location/Qualifiers
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/db_xref="taxon:32630"

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6, 1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1211 GCAGGCCCTCATGGCCAG 1228
DB 2 GCAGGCCCTCATGGCCAG 19

RESULT 775
BD173367 20 bp DNA linear PAT 18-FEB-2003
LOCUS Secreted and transmembrane polypeptides and nucleic acids encoding
DEFINITION

DEFINITION Secreted and transmembrane polypeptides and nucleic acids encoding the same.

ACCESSION BD173367

VERSION BD173367.1 GI:28414678

KEYWORDS JP 2002238588-A/183.

SOURCE synthetic construct

ORGANISM synthetic construct

REFERENCE 1 (bases 1 to 20)

AUTHORS Wood, W.L., Gurney, A.L., Goddard, A., Pennica, D., Zheng, J. and Yuan, J.

TITLE Secreted and transmembrane polypeptides and nucleic acids encoding the same

JOURNAL Patent: JP 2002238588-A 183 27-AUG-2002;

COMMENT GENE/TECH INC

OS Artificial Sequence

PN JP 2002238588-A/183

PD 27-AUG-2002

PE 18-DEC-2001 JP 2001385315

PR 17-SEP-1997 US 60/059115, 17-SEP-1997 US 60/059184 PR

17-SEP-1997 US 60/059122, 17-SEP-1997 US 60/059117 PR

17-SEP-1997 US 60/059113, 17-SEP-1997 US 60/059121 PR

17-SEP-1997 US 60/059119, 18-SEP-1997 US 60/059263 PR

18-SEP-1997 US 60/059266, 15-OCT-1997 US 60/062125 PR

17-OCT-1997 US 60/062287, 17-OCT-1997 US 60/062285 PR

21-OCT-1997 US 60/063486, 24-OCT-1997 US 60/062816 PR

24-OCT-1997 US 60/062814, 24-OCT-1997 US 60/062812 PR

24-OCT-1997 US 60/063120, 24-OCT-1997 US 60/063121 PR

24-OCT-1997 US 60/063045, 24-OCT-1997 US 60/063128 PR

27-OCT-1997 US 60/063329, 27-OCT-1997 US 60/063327 PR

28-OCT-1997 US 60/063549, 28-OCT-1997 US 60/063541 PR

28-OCT-1997 US 60/063550, 28-OCT-1997 US 60/063542 PR

28-OCT-1997 US 60/063544, 28-OCT-1997 US 60/063564 PR

29-OCT-1997 US 60/063734, 29-OCT-1997 US 60/063738 PR

29-OCT-1997 US 60/063704, 29-OCT-1997 US 60/063435 PR

29-OCT-1997 US 60/064215, 29-OCT-1997 US 60/063735 PR

29-OCT-1997 US 60/063732, 31-OCT-1997 US 60/064103 PR

31-OCT-1997 US 60/063870, 03-NOV-1997 US 60/064248 PR

17-NOV-1997 US 60/064809, 12-NOV-1997 US 60/065186 PR

17-NOV-1997 US 60/065846, 18-NOV-1997 US 60/065693 PR

21-NOV-1997 US 60/066120, 21-NOV-1997 US 60/066364 PR

24-NOV-1997 US 60/066772, 24-NOV-1997 US 60/066466 PR

24-NOV-1997 US 60/066770, 24-NOV-1997 US 60/066511 PR

24-NOV-1997 US 60/066453, 25-NOV-1997 US 60/066840 PR

WILLIAM I WOOD, AUSTIN L GURNEY, AUDREY GODDARD, DIANE PENNICA, PI

PIAN ZHENG,

PI JEAN YUAN

PC C12N15/09, C07K14/435, C07K16/18, C07K19/00, C12N1/19, C12N1/21, PC

C12N5/10,

PC C12P21/02, C12P21/08, C12N1/19, C12R1/645, C12N1/21, C12R1/19,

PC C12N5/10, C12R1/91, C12N15/00, C12N5/00, C12N5/91, C12R1/91 CC

Description of Artificial Sequence: Synthetic FH Key

Location/Qualifiers

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Query Match 0.3%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 6.1e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1211 GCAGGCCCATGCGCAG 1228

DB 2 GCAGGCCCATGCGCAG 19

RESULT 776

ARI29449

LOCUS ARI29449 21 bp DNA linear PAT 16-MAY-2001

DEFINITION Sequence 21 from patent US 6187533.

ACCESSION ARI29449

VERSION ARI29449.1 GI:14117346

KEYWORDS Unknown.

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 21)

AUTHORS Bell, G.I., Yamagata, K., Oda, N., Kaisaki, P.J., Furuta, H., Horikawa, Y. and Menzel, S.

TITLE Mutations in the diabetes susceptibility genes hepatocyte nuclear factor (HNF) 1 alpha (.alpha.), HNF1.beta. and HNF4.alpha

JOURNAL Patent: US 6187533-A 21 13-FEB-2001;

FEATURES Location/Qualifiers

source 1..21

1..21 /organism='unknown'

/mol_type='unassigned DNA'

Query Match 0.3%; Score 14.8; DB 1; Length 21;

Best Local Similarity 88.9%; Pred. No. 6.3e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4280 TCCCAAGTACTGCTCCA 4297

DB 4 TCCCTAGGAGCTGCTCCA 21

RESULT 777

ARI29450

LOCUS ARI29450 21 bp DNA linear PAT 16-MAY-2001

DEFINITION Sequence 22 from patent US 6187533.

ACCESSION ARI29450

VERSION ARI29450.1 GI:14117347

KEYWORDS Unknown.

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 21)

AUTHORS Bell, G.I., Yamagata, K., Oda, N., Kaisaki, P.J., Furuta, H., Horikawa, Y. and Menzel, S.

TITLE Mutations in the diabetes susceptibility genes hepatocyte nuclear factor (HNF) 1 alpha (.alpha.), HNF1.beta. and HNF4.alpha

JOURNAL Patent: US 6187533-A 22 13-FEB-2001;

FEATURES Location/Qualifiers

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/mol_type='unassigned DNA'

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Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4280 TCCCAAGTACTGCTCCA 4297

DB 18 TCCCTAGGAGCTGCTCCA 1

RESULT 778

ARI64117

LOCUS ARI64117 21 bp DNA linear PAT 17-OCT-2001

DEFINITION Sequence 21 from patent US 6271344.

ACCESSION ARI64117

VERSION ARI64117.1 GI:16235063

KEYWORDS Unknown.

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 21)

AUTHORS Turley, P.A.

TITLE Enhanced affinity hyaluronan binding peptides

JOURNAL Patent: US 6271344-A 21 07-AUG-2001;

FEATURES Location/Qualifiers

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                                /organism="unknown"
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Query Match                      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2384 TCATTCACCTCTGTTTCC 2401
      |||||
Db      21 TCTTCACTCTGTACC 4

RESULT 779
LOCUS      ARI176587          21 bp      DNA          linear      PAT 17-DEC-2001
DEFINITION Sequence 30 from patent US 6312892.
ACCESSION  ARI176587
VERSION     ARI176587.1 GI:17918942
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 21)
AUTHORS     Barany,F.; Luo,J.; Khanna,M. and Bergstrom,D.B.
TITLE       High fidelity detection of nucleic acid differences by ligase
            detection reaction
JOURNAL     Patent: US 6312892-A 30 06-NOV-2001;
FEATURES
source      1..21
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match                      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4217 CCTCTGTGTTGCTTT 4234
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Db      4 CGCTGCGGTGCTTT 21

RESULT 780
LOCUS      BD188747          21 bp      DNA          linear      PAT 17-JUL-2003
DEFINITION Animal deficient in retinoic acid-inactivating enzyme gene.
ACCESSION  BD188747
VERSION     BD188747.1 GI:3298486
KEYWORDS    JP 2003018941-A/2.
SOURCE      synthetic construct
            artificial sequences.
ORGANISM    1 (bases 1 to 21)
REFERENCE   Hamada,H., Sakai,Y., Meno,C., Fujii,S., Nishino,J., Shitatori,H.
            and Saijo,Y.
AUTHORS     Animal deficient in retinoic acid-inactivating enzyme gene
            Patent: JP 2003018941-A 2 21-JAN-2003;
TITLE       JAPAN SCIENCE AND TECHNOLOGY CORP
JOURNAL     OS Artificial Sequence
COMMENT     PN JP 2003018941-A/2
            PD 21-JAN-2003
            PF 09-JUN-2001 JP 2001207872
            PI HIROSHI HAMADA,YASUO SAKAI,CHIKARA MEMO,SHUTA FUJII,JINSUKE
            PI NISHINO,
            PI HIDENAO SHITATORI,YUKIO SAIJO
            PC A01K67/027//C12N15/09,C12N15/00
            CC Animal deficient in retinoic acid-inactivating enzyme gene FH
            Key Location/Qualifiers
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            /organism="Artificial Sequence".

FEATURES
source      1..21
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            /organism="synthetic construct"
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Query Match                      0.3%; Score 14.8; DB 1; Length 21;
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Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1778 TCGAGAGCCGAGTTCTG 1795
      |||||
Db      1 TCCATGAGCCGAGTTCTG 18

RESULT 781
LOCUS      CQ787004          21 bp      DNA          linear      PAT 24-MAR-2004
DEFINITION Sequence 10 from Patent WO2004020661.
ACCESSION  CQ787004
VERSION     CQ787004.1 GI:45721987
KEYWORDS
SOURCE      synthetic construct
            synthetic construct
            artificial sequences.
ORGANISM    1
REFERENCE   Sendtner,M. and Boemmel,H.
AUTHORS     Test system for the discovery of active agents in nerve cell
            diseases
TITLE       Patent: WO 2004020661-A 10 11-MAR-2004;
            Medinova Gesellschaft fuer Medizinische Innovation en aus
            Akademischer Forschung mbH (DS)
JOURNAL
FEATURES
source      1..21
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="primer"

Query Match                      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4496 TACCTTCACTCTGGATG 4513
      |||||
Db      2 TACCTTCTCTGGATG 19

RESULT 782
LOCUS      CQ821188          21 bp      DNA          linear      PAT 14-JUN-2004
DEFINITION Sequence 18 from Patent WO2004046377.
ACCESSION  CQ821188
VERSION     CQ821188.1 GI:48715872
KEYWORDS
SOURCE      synthetic construct
            synthetic construct
            artificial sequences.
ORGANISM    1
REFERENCE   Casari,G., de Fusco,M. and Marconi,R.
AUTHORS     Diagnostic and therapeutic means for pathologies associated with
            alpha 2 subunit of the na, k pump
TITLE       Patent: WO 2004046377-A 18 03-JUN-2004;
            FONDAZIONE CENTRO SAN ROMANELLO DEL MONTE TABOR (IT)
JOURNAL
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source      1..21
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            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"

Query Match                      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1179 CAGAGAAAGAGAGAGA 1196
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Db      18 CAGAGAAAGAGAGAGA 1

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RESULT 783
LOCUS AR298945/c 21 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 10680 from patent US 6537751.
ACCESSION AR298945
VERSION AR298945.1 GI:31686229
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density
JOURNAL disequilibrium map of the human genome
FEATURES
source Location/Qualifiers
1..21
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 560 TCGAGTTCTCGAAGAGG 577
DB 18 TCGAGTTCTCGAAGAGG 1

RESULT 784
LOCUS AR342726 21 bp DNA linear PAT 17-AUG-2003
DEFINITION Sequence 30 from patent US 6576453.
ACCESSION AR342726
VERSION AR342726.1 GI:33737913
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Barany,F., Luo,J., Khanna,M. and Bergstrom,D.E.
TITLE Thermostable DNA ligase mutants
JOURNAL Patent: US 6576453-A 30.10-JUN-2003;
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source Location/Qualifiers
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/mol_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4217 CCTCTGAGGCTGCTTT 4234
DB 4 CCTCTGAGGCTGCTTT 21

RESULT 785
LOCUS AX032999/c 21 bp DNA linear PAT 21-SEP-2000
DEFINITION Sequence 6 from Patent WO0044786.
ACCESSION AX032999
VERSION AX032999.1 GI:10279902
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Jentech,T.J.
TITLE Novel potassium channels and genes encoding these potassium
channels

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JOURNAL Patent: WO 0044786-A 6 03-AUG-2000;
NEUROSEARCH AS (DK)
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source Location/Qualifiers
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/note="PCR primer"

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 909 CCAGGCTCAGAGAGG 926
DB 21 CCATGCTCAGAGAGG 4

RESULT 786
LOCUS AX047392 21 bp DNA linear PAT 15-DEC-2000
DEFINITION Sequence 8 from Patent WO0068402.
ACCESSION AX047392
VERSION AX047392.1 GI:11876620
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS van den Ende,W., van laere,A., de Roover,J. and Michiels,A.
TITLE Manipulation of fructan catabolism in plants
JOURNAL Patent: WO 0068402-A 8 16-NOV-2000;
K.U. Leuven Research & Development (BB)
FEATURES
source Location/Qualifiers
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/mol_type="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer EXPHF"

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 912 GGGCTCAGAGAGAGGT 929
DB 3 GTGCTCAGAGAGAGGT 20

RESULT 787
LOCUS AX094980 21 bp DNA linear PAT 30-MAR-2001
DEFINITION Sequence 158 from Patent WO0118250.
ACCESSION AX094980
VERSION AX094980.1 GI:13511183
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.O. and
McCarthy,J.U.
TITLE Single nucleotide polymorphisms in genes
JOURNAL Patent: WO 0118250-A 158 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium
Pharmaceuticals, Inc. (US)
FEATURES
source Location/Qualifiers
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/mol_type="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 6.3e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 4670 GGAGCTGTTCAGCTTGAGC 4689
DB 1 GGAGCTGTTCAGCTTGAGC 20

RESULT 788
AX095011/c 21 bp DNA linear PAT 30-MAR-2001
LOCUS Sequence 189 from Patent WO0118250.
ACCESSION AX095011
VERSION AX095011.1 GI:13511214
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.Q. and
McCarthy,J.J.
TITLE Single nucleotide polymorphisms in genes
JOURNAL Patent: WO 0118250-A 189 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium
Pharmaceuticals, Inc. (US)
FEATURES
source location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 6.3e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5053 GCAGACCTCATAGACCTCA 5072
DB 21 GCAGACCTCATAGACCTCA 2

RESULT 789
AX095138/c 21 bp DNA linear PAT 30-MAR-2001
LOCUS Sequence 316 from Patent WO0118250.
ACCESSION AX095138
VERSION AX095138.1 GI:13511341
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.Q. and
McCarthy,J.J.
TITLE Single nucleotide polymorphisms in genes
JOURNAL Patent: WO 0118250-A 316 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium
Pharmaceuticals, Inc. (US)
FEATURES
source location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 6.3e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 3459 TCAGCTGTCATCTTCAGCA 3478
DB 21 TCAGCTGTCATCTCTCTCA 2

RESULT 790
AX095444 21 bp DNA linear PAT 30-MAR-2001
LOCUS Sequence 622 from Patent WO0118250.
ACCESSION AX095444
VERSION AX095444.1 GI:13511647
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.Q. and
McCarthy,J.J.
TITLE Single nucleotide polymorphisms in genes
JOURNAL Patent: WO 0118250-A 622 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium
Pharmaceuticals, Inc. (US)
FEATURES
source location/Qualifiers
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 6.3e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2645 ACCTGCTGCTGACGCACAC 2664
DB 1 ACCTGCTGACRCGCACAC 20

RESULT 791
AX096769/c 21 bp DNA linear PAT 30-MAR-2001
LOCUS Sequence 1947 from Patent WO0118250.
ACCESSION AX096769
VERSION AX096769.1 GI:13513023
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.Q. and
McCarthy,J.J.
TITLE Single nucleotide polymorphisms in genes
JOURNAL Patent: WO 0118250-A 1947 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium
Pharmaceuticals, Inc. (US)
FEATURES
source location/Qualifiers
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/organism="Homo sapiens"
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/db_xref="taxon:9606"

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 6.3e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1798 CTCCTGCTGACTGAGCCA 1817
DB 20 CTCCTGCTGACTGAGCA 1

RESULT 792
AX097013/c 21 bp DNA linear PAT 30-MAR-2001
LOCUS Sequence 2191 from Patent WO0118250.
ACCESSION AX097013

VERSION AX097013.1 GI:13513281
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Mammalia; Eutheria; Chordata; Craniata; Vertebrata; Euteleostomi;
1 McCarty,J.J.
Lander,E.S., Gargill,M., Ireland,J.S., Bolik,S., Daley,G.O. and
TITLE Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 2191 15-MAR-2001;
JOURNAL WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium
Pharmaceuticals, Inc. (US)
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/db_xref="taxon:9606"
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Best Local Similarity 80.0%; Pred. No. 6.3e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
QY 1559 AGGTGAAGAGAGCCTGGCG 1578
DB 21 AGGTGAAGAGAGCATTGGCG 2
RESULT 793
AX097119/c 21 bp DNA linear PAT 30-MAR-2001
LOCUS Sequence 2297 from Patent WO0118250.
DEFINITION AX097119
ACCESSION AX097119.1 GI:13513389
VERSION
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
1 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
Lander,E.S., Gargill,M., Ireland,J.S., Bolik,S., Daley,G.O. and
TITLE Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 2297 15-MAR-2001;
JOURNAL WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium
Pharmaceuticals, Inc. (US)
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Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 6.3e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
QY 110 TTCTCAGCTTGCACTCAA 129
DB 21 TCCTGAGCCTGCGACCTCAA 2
RESULT 794
AX354512/c 21 bp DNA linear PAT 06-FEB-2002
LOCUS AX354512
DEFINITION Sequence 4 from Patent WO0194414.
ACCESSION AX354512
VERSION AX354512.1 GI:18619327
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
AUTHORS Qln,N., Codd,E. and D'Andrea,M.

TITLE The human voltage gated sodium channel _g(b)-1a subunit and methods
of use
JOURNAL Patent: WO 0194414-A 4 13-DEC-2001;
Ortho McNeil Pharmaceuticals, Inc. (US)
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source
1. .21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="oligonucleotide primer"
Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 4996 GTCCAGGTGGCCTACAG 5013
DB 18 GTCCAGGTGGCCGAATYG 1
RESULT 795
AX513749/c 21 bp DNA linear PAT 05-OCT-2002
LOCUS AX513749
DEFINITION Sequence 14 from Patent WO0234947.
ACCESSION AX513749
VERSION AX513749.1 GI:23559890
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
AUTHORS Khripin,Y.
1 Detecting specific nucleotide sequences
TITLE Patent: WO 0234947-A 14 02-MAY-2002;
JOURNAL Khripin, Yuri (US)
FEATURES
source
1. .21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"
Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1411 AAGAGAGCTGGCTGAT 1428
DB 21 AAGAGAGGTGGCTGTGT 4
RESULT 796
AX644916/c 21 bp DNA linear PAT 27-FEB-2003
LOCUS AX644916
DEFINITION Sequence 11 from Patent WO02064835.
ACCESSION AX644916
VERSION AX644916.1 GI:28610881
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
AUTHORS Brown,D., Winkler,M.M., Lawrence,F. and Shelton,J.
1 Methods for nucleic acid fingerprint analysis
TITLE Patent: WO 02064835-A 11 22-AUG-2002;
JOURNAL AMBION, INC. (US)
FEATURES
source
1. .21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic primer"

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3641 TTGCTGAGATTCGAGAG 3658
DB 18 TTGCTGAGATTCGAGAG 1

RESULT 797
AX797922 21 bp DNA linear PAT 08-OCT-2003
LOCUS Sequence 25 from Patent EPI325955.
DEFINITION AX797922
ACCESSION AX797922
VERSION AX797922.1 GI:37604247
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kippel-Giese, A., Kaufmann, J. and Giese, K.
TITLE Compounds and methods for the identification and/or validation of a target
JOURNAL Patent: EP 1325955-A 25 09-JUL-2003;
acugen AG (DE)
FEATURES Location/Qualifiers
source 1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="GB 86"

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4413 TGAAGCTCTGCTGTGCGA 4430
DB 4 TGAAGCTCTGCTGTGCGA 21

RESULT 798
AX804385 21 bp DNA linear PAT 25-NOV-2003
LOCUS Sequence 553 from Patent WO03060160.
DEFINITION AX804385
ACCESSION AX804385
VERSION AX804385.1 GI:38521526
KEYWORDS
SOURCE Oreochromis niloticus (Nile tilapia)
ORGANISM Oreochromis niloticus
REFERENCE 1
AUTHORS Lie, Y., Sietman, A., Hoeyum, M. and Lingaas, F.
TITLE Verification of food origin based on nucleic acid pattern recognition
JOURNAL Patent: WO 03060160-A 553 24-JUL-2003;
Genomar ASA (NO)
FEATURES Location/Qualifiers
source 1..21
/organism="Oreochromis niloticus"
/mol_type="unassigned DNA"
/db_xref="taxon:8128"

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2738 AAGAAATGGCAGTGTG 2755
DB 4 AAGAAATGGCAGTGTG 21

RESULT 799
AX004921/c 21 bp DNA linear PAT 25-NOV-2003
LOCUS Sequence 1089 from Patent WO03060160.
DEFINITION AX004921
ACCESSION AX804921
VERSION AX804921.1 GI:38522062
KEYWORDS
SOURCE Oreochromis niloticus (Nile tilapia)
ORGANISM Oreochromis niloticus
REFERENCE 1
AUTHORS Lie, Y., Sietman, A., Hoeyum, M. and Lingaas, F.
TITLE Verification of food origin based on nucleic acid pattern recognition
JOURNAL Patent: WO 03060160-A 1089 24-JUL-2003;
Genomar ASA (NO)
FEATURES Location/Qualifiers
source 1..21
/organism="Oreochromis niloticus"
/mol_type="unassigned DNA"
/db_xref="taxon:8128"

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3831 TGTAGCTGCTCTTACCG 3848
DB 21 TGTATTTGCTCTTACCG 4

RESULT 800
ATH525863 21 bp DNA linear PLN 29-MAR-2003
LOCUS Arabidopsis thaliana T-DNA flanking sequence, left border, clone 108E08.
DEFINITION ATH525863
ACCESSION AJ525863
VERSION AJ525863.1 GI:26794123
KEYWORDS left border; T-DNA flanking sequence.
SOURCE Arabidopsis thaliana (thale cress)
ORGANISM Arabidopsis thaliana
REFERENCE 1
AUTHORS Brunaud, V., Balzergue, S., Dubreucq, B., Aubourg, S., Samson, F., Chauvin, S., Bechtold, N., Cruaud, C., Derose, R., Pelletier, G., Lepoint, L., Caboche, M. and Lecharny, A.
TITLE T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites
JOURNAL EMBO Rep. 3 (12), 1152-1157 (2002)
MEDLINE 22363535
PUBMED 12446565
REFERENCE 2 (bases 1 to 21)
AUTHORS Balzergue, S.
TITLE Direct Submission
JOURNAL Submitted (21-NOV-2002) Balzergue S., UMRGV, INRA/CNRS, 2 rue Gaston Crémieux, 91057 Evry cedex, FRANCE
COMMENT PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment (s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at <http://dbgap.versailles.inra.fr/publiclines/>. This sequence has been generated in the framework of the French plant genomics program 'genoplante' (<http://www.genoplante.com> and

http://genoplante-info.infobiogen.fr).

FEATURES
source
1. .21
/organism="Arabidopsis thaliana"
/mol_type="genomic DNA"
/cultiivar="Wassiljewsk1ja"
/db_xref="taxon:3702"
/clone="108E08"
/clone_1lb="Arabidopsis thaliana T-DNA insertion lines"
1. .21
/note="T-DNA flanking sequence
left border"

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3631 ATCTTCCCAATTGCTGAG 3648
18 ATCTTACCAATTACTGAG 1

RESULT 801
DOGPND 21 bp DNA linear STS 11-APR-1996
LOCUS Canis familiaris Promatridiolactin (PND) STS DNA, 3' primer,
DEFINITION sequence tagged site.
ACCESSION L77336.1 GI:1261748
VERSION L77336
KEYWORDS STS; PCR identification; PCR primer; Promatridiolactin; sequence
tagged site; universal mammalian STS.
SOURCE Canis familiaris (dog)
ORGANISM Canis familiaris
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.
REFERENCE
AUTHORS Venter, P.J., Brouillette, J.A., Yuzbasiyev-Gurkan, V. and Brewer, G.J.
TITLE Gene-specific universal mammalian sequence-tagged sites:
application to the canine genome
JOURNAL Unpublished (1996)
COMMENT Original source text: Canis familiaris DNA.
Gene-specific universal mammalian sequence-tagged site for PND.
Primer for 3' end of product is in exon 2. Human product is 467
bp. Canine product is 436 bp. PCR conditions: 1 min, 94 C, 1.5
min, 59 C, 4 min, 72 C, 35 cycles.

FEATURES
source
1. .21
/organism="Canis familiaris"
/mol_type="genomic DNA"
/db_xref="taxon:9615"
1. .21
/note="PCR primer binding site"
/evidence=experimental
1. .21
STS
Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 307 CAGGCCCTCTGGGCTCC 324
1 CAGTCCGCTCTGGGCTCC 18

RESULT 802
AX530370 30 bp DNA linear PAT 21-NOV-2002
LOCUS Sequence 93 from Patent WO0240668.
DEFINITION AX530370
ACCESSION AX530370
VERSION AX530370.1 GI:25173258
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct

artificial sequences.

REFERENCE
1
AUTHORS Tschopp, J. and Martinon, F.
TITLE Proteins and dna sequences underlying these proteins used for
treating inflammations
JOURNAL Patent: WO 0240668-A 93 23-MAY-2002;
Apotech Research and Development Ltd. (CH)
FEATURES
source
1. .30
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer JT1500 (S. 49)"

Query Match 0.3%; Score 14.8; DB 1; Length 30;
Best Local Similarity 88.9%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1618 TACTTCAGCTGCAGAGAG 1635
6 TACTTCAGCTGCTGAGTG 23

RESULT 803
A12055/c 16 bp DNA linear PAT 09-DEC-1993
LOCUS Oligonucleotide.
DEFINITION A12055
ACCESSION A12055
VERSION A12055.1 GI:491256
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE
AUTHORS Eppien, J.T.
TITLE Process for the detection of restriction fragment length
polymorphisms in eukaryotic genomes
JOURNAL Patent: EP 0266787-A 15 11-MAY-1988;
Max-Planck-Gesellschaft zur Foerderung der Wissenschaften
Location/Qualifiers

FEATURES
source
1. .16
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGGAAAGAGAGAGAG 1195
16 AGAGAGAGAGAGAGAG 1

RESULT 804
A12056 16 bp DNA linear PAT 09-DEC-1993
LOCUS Oligonucleotide.
DEFINITION A12056
ACCESSION A12056
VERSION A12056.1 GI:489450
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE
AUTHORS Eppien, J.T.
TITLE Process for the detection of restriction fragment length
polymorphisms in eukaryotic genomes
JOURNAL Patent: EP 0266787-A 16 11-MAY-1988;
Max-Planck-Gesellschaft zur Foerderung der Wissenschaften
Location/Qualifiers

FEATURES
source
1. .16
/organism="synthetic construct"

/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAG 1195
|||||
1 AGAGAGAGAGAGAGAG 16

Db 1 AGAGAGAGAGAGAGAG 16

RESULT 805
AR042880/c AR042880 16 bp DNA linear PAT 29-SEP-1999
LOCUS AR042880/c
DEFINITION Sequence 10 from patent US 5811538.
ACCESSION AR042880
VERSION AR042880.1 GI:5963376
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Riley,T.Andrew., Reynolds,M.Alan., Snyder,L.Robert. and Klem,R.E.
TITLE Process for the purification of oligomers
JOURNAL Patent: US 5811538-A 10 22-SEP-1998;
FEATURES Location/Qualifiers
1..16
source /organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAG 1195
|||||
16 AGAGAGAGAGAGAGAG 1

Db 16 AGAGAGAGAGAGAGAG 1

RESULT 806
AR106504 AR106504 16 bp DNA linear PAT 14-FEB-2001
LOCUS AR106504
DEFINITION Sequence 28 from patent US 6107060.
ACCESSION AR106504
VERSION AR106504.1 GI:12821034
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Keeling,P. and Guan,H.
TITLE Starch encapsulation
JOURNAL Patent: US 6107060-A 28 22-AUG-2000;
FEATURES Location/Qualifiers
1..16
source /organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGAGAAAGAGAGAG 1195
|||||
1 AGAGAGAGAGAGAGAG 16

Db 1 AGAGAGAGAGAGAGAG 16

RESULT 807
AR148152 AR148152 16 bp DNA linear PAT 08-AUG-2001
LOCUS AR148152
DEFINITION Sequence 8 from patent US 6225061.
ACCESSION AR148152

VERSION AR148152.1 GI:15112242
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Becker,T., Koester,H. and Cantor,C.
TITLE Systems and methods for performing reactions in an unsealed environment
JOURNAL Patent: US 6225061-A 8 01-MAY-2001;
FEATURES Location/Qualifiers
1..16
source /organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4738 GAGACCATCTCACC 4753
|||||
1 GAGGCCCATCTCACC 16

Db 1 GAGGCCCATCTCACC 16

RESULT 808
CQ806788/c CQ806788 16 bp DNA linear PAT 10-MAY-2004
LOCUS CQ806788/c
DEFINITION Sequence 238 from Patent WO2004035803.
ACCESSION CQ806788
VERSION CQ806788.1 GI:47112170
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Buteria; Primates; Catarrhini; Hominidae; Homo.
1 Fockens,J., Harbeck,N., Koenig,T., Maier,S., Martens,J., Model,F., Nimmrich,I., Rujan,T., Schmitt,A., Schmitt,M., Look,M.P. and Marx,A.
TITLE Method and nucleic acids for the improved treatment of breast cell proliferative disorders
JOURNAL Patent: WO 2004035803-A 238 29-APR-2004;
FEATURES Location/Qualifiers
1..16
source /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4871 CTCAGTTCTTCTCT 4886
|||||
16 CTCAGTTCTTCTCT 1

Db 16 CTCAGTTCTTCTCT 1

RESULT 809
CQ808268/c CQ808268 16 bp DNA linear PAT 10-MAY-2004
LOCUS CQ808268/c
DEFINITION Sequence 1718 from Patent WO2004035803.
ACCESSION CQ808268
VERSION CQ808268.1 GI:47113662
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Fockens,J., Harbeck,N., Koenig,T., Maier,S., Martens,J., Model,F., Nimmrich,I., Rujan,T., Schmitt,A., Schmitt,M., Look,M.P. and Marx,A.
TITLE Method and nucleic acids for the improved treatment of breast cell

/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 840 GTCTCCGACCAACCC 855
|||||
Db 1 GTCTCCGACCAACCC 16

RESULT 814
BD199167 17 bp RNA linear PAT 17-JUL-2003
LOCUS BD199167
DEFINITION Molecule participating in vasculogenic response.
ACCESSION BD199167
VERSION BD199167.1 GI:33008937
KEYWORDS JP 2002509721-A/2193.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
1 (bases 1 to 17)
Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A 2193 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/2193
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PR 27-MAR-1998 US 60/079678
PI PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
JAMES A MCSWIGGEN
PC C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
A61P29/00,
PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
C12N5/00
CC Method and reagent for treating diseases or conditions CC
concerning molecule
FH key Location/Qualifiers
FT source 1..17
LOCATION/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"

FEATURES
source

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 159 AGAGGAGAAATCTGA 174
|||||
Db 17 AGAGGAGAAATCTGA 2

RESULT 815
BD199168 17 bp RNA linear PAT 17-JUL-2003
LOCUS BD199168
DEFINITION Molecule participating in vasculogenic response.
ACCESSION BD199168
VERSION BD199168.1 GI:33008938
KEYWORDS JP 2002509721-A/2194.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
1 (bases 1 to 17)
Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A 2194 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/2194
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PR 27-MAR-1998 US 60/079678
PI PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
JAMES A MCSWIGGEN
PC C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
A61P29/00,
PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
C12N5/00
CC Method and reagent for treating diseases or conditions CC
concerning molecule
FH key Location/Qualifiers
FT source 1..17
LOCATION/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"

FEATURES
source

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 158 GAGAGGAGAAATCTG 173
|||||
Db 16 GAGAGGAGAAATCTG 1

RESULT 816
BD201595 17 bp RNA linear PAT 17-JUL-2003
LOCUS BD201595
DEFINITION Molecule and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response.
ACCESSION BD201595
VERSION BD201595.1 GI:33011365
KEYWORDS JP 2002509721-A/4621.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
1 (bases 1 to 17)
Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A 4621 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/4621
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PR 27-MAR-1998 US 60/079678
PI PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
JAMES A MCSWIGGEN
PC C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
A61P29/00,
PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
C12N5/00
CC Method and reagent for treating diseases or conditions CC
concerning molecule

CC participating in vasculogenic response
FH key Location/Qualifiers
FT source 1..17 /organism='Homo sapiens (human)'.
FT Location/Qualifiers
1..17 /organism='Homo sapiens'
/mol_type='genomic RNA'
/db_xref='taxon:9606'

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4869 GTCTCAGTTCTTCTTCT 4864
DB 1 GTCTCAGTTCTTCTTCT 16

RESULT 817
BD202841 17 bp RNA linear PAT 17-JUL-2003
LOCUS
DEFINITION Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.
ACCESSION BD202841
VERSION BD202841.1 GI:33012611
KEYWORDS JP 2002509721-A/5867.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
1 (bases 1 to 17)
Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswigen,J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response
Patent: JP 2002509721-A 5867 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
COMMENT OS Homo sapiens (human)
PN JP 2002509721-A/5867
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PR 27-MAR-1998 US 60/079678
PI PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
PJ JAMES A MCSWIGEN
PC C12N15/09,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC A61P29/00, PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC C12N5/00
CC Method and reagent for treating diseases or conditions CC
CC concerning molecule
CC participating in vasculogenic response
FH key Location/Qualifiers
FT source 1..17 /organism='Homo sapiens (human)'.
FT Location/Qualifiers
1..17 /organism='Homo sapiens'
/mol_type='genomic RNA'
/db_xref='taxon:9606'

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5215 GGATCTTGCGCTTGT 5230
DB 2 GGATCTTGCGCTTGT 17

RESULT 818
BD223855 17 bp DNA linear PAT 17-JUL-2003
LOCUS

DEFINITION Identification of microorganism causing acute respiratory tract infection (ARI).
ACCESSION BD223855
VERSION BD223855.1 GI:33033625
KEYWORDS JP 2002526088-A/30.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 17)
James,G. and Schmitt,H.J.
Identification of microorganism causing acute respiratory tract infection (ARI)
Patent: JP 2002526088-A 30 20-AUG-2002;
JOURNAL INNOGENETICS NV
COMMENT OS Artificial Sequence
PN JP 2002526088-A/30
PD 20-AUG-2002
PF 22-SEP-1999 JP 2000574290
PR 24-SEP-1998 EP 98870203.1
PI GERT JANNES,HEINZ JOSEF SCHMITT
PC C12N15/09,C12O1/68,C12N15/00
CC Description of Artificial Sequence:oligonucleotide FH Key
FT source 1..17 /organism='Artificial Sequence'.
FT Location/Qualifiers
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Best Local Similarity 93.8%; Pred. No. 6.4e+02;
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QY 2330 CCTTCTTGAAGATGG 2345
DB 2 CCTTCTTGAAGATGG 17

RESULT 819
BD254020 17 bp DNA linear PAT 17-JUL-2003
LOCUS
DEFINITION Regulation of repressor genes using nucleic acid molecules.
ACCESSION BD254020
VERSION BD254020.1 GI:33063790
KEYWORDS JP 2002541795-A/1813.
SOURCE unidentified
ORGANISM unidentified
unclassified.
REFERENCE 1 (bases 1 to 17)
Blatt,L., Zwick,M., Pavco,P. and Mcswigen,J.
Regulation of repressor genes using nucleic acid molecules
Patent: JP 2002541795-A 1813 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
COMMENT OS Eukaryote
PN JP 2002541795-A/1813
PD 10-DEC-2002
PF 11-APR-2000 JP 2000611654
PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT,MICHAEL ZWICK,PAMELA PAVCO,JAMES MCSWIGEN PC C12N15/09,A61K38/00,A61K48/00,A61P3/00,A61P43/00,C12N5/10, PC C12P21/02,
PC C12P21/02,C12P21/02//A61K31/711,(C12N5/10,C12R1:91),(C12P21/02, PC C12R1:91),
PC (C12P21/02,C12R1:91),(C12P21/02,C12R1:91),C12N15/00,C12N5/00,
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CC Regulation of repressor genes using nucleic acid molecules FH
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source
Location/Qualifiers
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Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 47 CGGGGCTCCAGTCTGG 62
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Db 2 CGGGGCTCCAGTCTGG 17

RESULT 820
BD257704/c 17 bp DNA linear PAT 17-JUL-2003
LOCUS
DEFINITION Regulation of repressor genes using nucleic acid molecules.
ACCESSION BD257704
VERSION BD257704.1 GI:33067474
KEYWORDS JP 2002541795-A/5497.
SOURCE unidentified
ORGANISM unclassified

REFERENCE
AUTHORS 1 (bases 1 to 17)
TITLE Blatt,L., Zwick,M., Pavco,P. and Mcswigen,J.
JOURNAL Regulation of repressor genes using nucleic acid molecules
Patent: JP 2002541795-A 5497 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC

COMMENT
OS Eukaryote
PN JP 2002541795-A/5497
PD 10-DEC-2002
PF 11-APR-2000 JP 200611654
PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT,MICHAEL,ZWICK,PAMELA PAVCO,JAMES MCSWIGEN PC
C12N15/09,A61K38/00,A61K48/00,A61P43/00,A61P43/00,C12N5/10, PC
C12P21/02,
PC C12P21/02,C12P21/02//A61K31/711,(C12N5/10,C12R1:91),(C12P21/02, PC
C12R1:91),
PC (C12P21/02,C12R1:91),(C12P21/02,C12R1:91),C12N15/00,C12N5/00,
PC A61K37/02,
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CC Regulation of repressor genes using nucleic acid molecules FH
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Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5395 AAAAAATCAAAAAGA 5410
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Db 17 AAAAAATCAAAAACAGA 2

RESULT 821
BD257705/c 17 bp DNA linear PAT 17-JUL-2003
LOCUS
DEFINITION Regulation of repressor genes using nucleic acid molecules.
ACCESSION BD257705
VERSION BD257705.1 GI:33067475
KEYWORDS JP 2002541795-A/5498.
SOURCE unidentified
ORGANISM unclassified

REFERENCE
AUTHORS 1 (bases 1 to 17)
TITLE Blatt,L., Zwick,M., Pavco,P. and Mcswigen,J.
JOURNAL Regulation of repressor genes using nucleic acid molecules
Patent: JP 2002541795-A 5498 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC

COMMENT
OS Eukaryote
PN JP 2002541795-A/5498
PD 10-DEC-2002
PF 11-APR-2000 JP 200611654
PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT,MICHAEL,ZWICK,PAMELA PAVCO,JAMES MCSWIGEN PC
C12N15/09,A61K38/00,A61K48/00,A61P43/00,A61P43/00,C12N5/10, PC
C12P21/02,
PC C12P21/02,C12P21/02//A61K31/711,(C12N5/10,C12R1:91),(C12P21/02, PC
C12R1:91),
PC (C12P21/02,C12R1:91),(C12P21/02,C12R1:91),C12N15/00,C12N5/00,
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Query Match 0.3%; Score 14.4; DB 1; Length 17;
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Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAGA 5408
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Db 16 AAAAAATCAAAAACA 1

RESULT 822
BD258334 17 bp DNA linear PAT 17-JUL-2003
LOCUS
DEFINITION Regulation of repressor genes using nucleic acid molecules.
ACCESSION BD258334
VERSION BD258334.1 GI:33068104
KEYWORDS JP 2002541795-A/6127.
SOURCE unidentified
ORGANISM unclassified

REFERENCE
AUTHORS 1 (bases 1 to 17)
TITLE Blatt,L., Zwick,M., Pavco,P. and Mcswigen,J.
JOURNAL Regulation of repressor genes using nucleic acid molecules
Patent: JP 2002541795-A 6127 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC

COMMENT
OS Eukaryote
PN JP 2002541795-A/6127
PD 10-DEC-2002
PF 11-APR-2000 JP 200611654
PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT,MICHAEL,ZWICK,PAMELA PAVCO,JAMES MCSWIGEN PC
C12N15/09,A61K38/00,A61K48/00,A61P43/00,A61P43/00,C12N5/10, PC
C12P21/02,
PC C12P21/02,C12P21/02//A61K31/711,(C12N5/10,C12R1:91),(C12P21/02, PC
C12R1:91),
PC (C12P21/02,C12R1:91),(C12P21/02,C12R1:91),C12N15/00,C12N5/00,
PC A61K37/02,
PC (C12N5/00,C12R1:91)
CC Regulation of repressor genes using nucleic acid molecules FH
Key Location/Qualifiers
FT source 1. .17
/organism='Eukaryote'.
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source Location/Qualifiers
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Best Local Similarity	93.8%;	Pred. No. 6.4e+02;		
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Qy	5215	GGATTCTTTGGCTTTGT	5230
Db	2	GGCTTCTTGGCTTTGT	17

RESULT	823				
C6617152					
LOCUS	C6617152	17 bp	DNA		
DEFINITION	Sequence 1692 from Patent WO01925234.				
ACCESSION	C6617152				
VERSION	C6617152.1	GI:41667370			
KEYWORDS					
SOURCE	Homo sapiens	(human)			
ORGANISM	Homo sapiens				

REFERENCE
1
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E.
TITLE Myosin-like gene expressed in human heart and muscle
JOURNAL Patent: WO 0192524-A 1892 06-DEC-2001;
Aeomica, Inc. (US)

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/organism="Homo sapiens"  
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Query Match	0.3%	Score 14.4;	DB 1;	Length 17;
Best Local Similarity	93.8%;	Pred. No. 6.4e+02;		
Matches 15;	Conservative 0;	Mismatches 1;	Indels 0;	Gaps 0;

Qy	3255	CCAGGACCTGGCCTCT	3270
Db	2	CGAGGACCTGGCCTCT	17

RESULT	824				
LOCUS	CG617153				
DEFINITION	Sequence 1893 from Patent WO0192524.	17 bp	DNA		linear
ACCESSION	CG617153				
VERSION	CG617153.1	GI:41667371			
DATE	1999-07-01				

SOURCE	Homo sapiens (human)
ORGANISM	Homo sapiens
Euarchyote; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;	
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.	
REFERENCE	
AUTHORS	1. Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W., and
Shannon, M.E.	
ABSTRACT	Human choroideroid is a disease characterized by human heart and muscle

FEATURES	LOCATION/Qualifiers
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	/organism="Homo sapiens"
	/mol type="unassigned DNA"
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Query Match	0.3%	Score 14.4;	DB 1;	Length 17;
Best Local Similarity	93.8%;	Pred. No. 6.4e+02;		
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QY 3255 CCAGGACCTGGCCTCT 3270

Db 1 CGAGGACCTGGCCTCT 16

RESULT 825			
C0617154			
LOCUS	C0617154	17 bp	DNA
DEFINITION	Sequence 1894 from Patent WO0192524.	linear	PAT 02-FEB-2004

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VERSION      CQ617154.1  GI:41667372
KEYWORDS
SOURCE       Homo sapiens (human)

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REFERENCE
AUTHORS
TITLE
JOURNAL

1
Gu, Y., Ji, Y., Penn, S. G., Hanzel, D. K., Rank, D. R., Chen, W. and
Shannon, M. E.
Myosin-like gene expression in human heart and muscle
Patent: WO 0192524-A 1894 06-DEC-2001;
Aeomica, Inc. (US)

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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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QY	3257	AGGACCTGGCCTCTGT	3272
Db	2	AGGACCTGGCCTCTCT	17

RESULT	826		17 bp	DNA	linear	PAT 02-FEB-2004
LOCUS	CO617155					
DEFINITION	Sequence 1895 from Patent WO0192524.					
ACCESSION	CO617155					
VERSION	CO617155.1					
KEYWORDS	GI:41667373					
SOURCE						
ORGANISM	Homo sapiens (human)					
	Homo sapiens					

REFERENCES
AUTHORS
1
Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.B.
TITLE
Myosin-like gene expressed in human heart and muscle
JOURNAL
Patent: WO 0192524-A 1895 06-DEC-2001;
Aeomica, Inc. (US)

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/organism="Homo sapiens"  
/mol_type="unassigned DNA"  
/db_xref="taxon:9606"
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Query Match	0.3%	Score 14.4	DB 1	Length 17
Best Local Similarity	93.8%	Pred. No. 6.4e+02		
Matches 15; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;

QY	3257	AGGACCTGGCCTCTGT	3272
Db	1	AGGACCTGGCCTCTCT	16

RESULT	827		
LOCUS	CQ621372/c		
DEFINITION	Sequence 6112 from Patent WO0192524.	17 bp	DNA
ACCESSION	CQ621372		linear PAT 02-FEB-2004

VERSION CQ621372.1 GI:41671590
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and
Shannon,M.E.
TITLE Myosin-like gene expressed in human heart and muscle
JOURNAL Patent: WO 0192524-A 6112 06-DEC-2001;
Aeomica, Inc. (US)
FEATURES
source 1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2133 GGAAAATCTCACACTG 2148
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Db 17 GGAAAATCTCACACTG 2

RESULT 828
CQ621373/c 17 bp DNA linear PAT 02-FRB-2004
LOCUS
DEFINITION Sequence 6113 from Patent WO0192524.
ACCESSION CQ621373
VERSION CQ621373.1 GI:41671591
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and
Shannon,M.E.
TITLE Myosin-like gene expressed in human heart and muscle
JOURNAL Patent: WO 0192524-A 6113 06-DEC-2001;
Aeomica, Inc. (US)
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/mol_type="unassigned DNA"
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Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2133 GGAAAATCTCACACTG 2148
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Db 16 GGAAAATCTCACACTG 1

RESULT 829
CQ621459/c 17 bp DNA linear PAT 02-FRB-2004
LOCUS
DEFINITION Sequence 6199 from Patent WO0192524.
ACCESSION CQ621459
VERSION CQ621459.1 GI:41671677
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and
Shannon,M.E.

TITLE Myosin-like gene expressed in human heart and muscle
JOURNAL Patent: WO 0192524-A 6199 06-DEC-2001;
Aeomica, Inc. (US)
FEATURES
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Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 900 GGGGTGCACCCAGGCG 915
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Db 17 GGGGTGCATCCAGGCG 2

RESULT 830
CQ621460/c 17 bp DNA linear PAT 02-FRB-2004
LOCUS
DEFINITION Sequence 6200 from Patent WO0192524.
ACCESSION CQ621460
VERSION CQ621460.1 GI:41671678
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and
Shannon,M.E.
TITLE Myosin-like gene expressed in human heart and muscle
JOURNAL Patent: WO 0192524-A 6200 06-DEC-2001;
Aeomica, Inc. (US)
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Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 900 GGGGTGCACCCAGGCG 915
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Db 16 GGGGTGCATCCAGGCG 1

RESULT 831
CQ621517/c 17 bp DNA linear PAT 02-FRB-2004
LOCUS
DEFINITION Sequence 6257 from Patent WO0192524.
ACCESSION CQ621517
VERSION CQ621517.1 GI:41671735
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and
Shannon,M.E.
TITLE Myosin-like gene expressed in human heart and muscle
JOURNAL Patent: WO 0192524-A 6257 06-DEC-2001;
Aeomica, Inc. (US)
FEATURES
source 1. .17
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/mol_type="unassigned DNA"
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Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1475 TTGGCCCGAGGCTGGA 1490
DB 17 TTGGCCCGAGGCTGGA 2

RESULT 832
LOCUS CQ621518/c 17 bp DNA linear PAT 02-FRB-2004
DEFINITION Sequence 6258 from Patent WO0192524.
ACCESSION CQ621518
VERSION CQ621518.1 GI:41671736
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE 1
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Myosin-like gene expressed in human heart and muscle
JOURNAL Patent: WO 0192524-A 6258 06-DEC-2001;
Neomica, Inc. (US)
FEATURES
source Location/Qualifiers
1..17
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1475 TTGGCCCGAGGCTGGA 1490
DB 16 TTGGCCCGAGGCTGGA 1

RESULT 833
LOCUS CQ622669 17 bp DNA linear PAT 02-FRB-2004
DEFINITION Sequence 7409 from Patent WO0192524.
ACCESSION CQ622669
VERSION CQ622669.1 GI:41672887
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE 1
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Myosin-like gene expressed in human heart and muscle
JOURNAL Patent: WO 0192524-A 7409 06-DEC-2001;
Neomica, Inc. (US)
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Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 658 GAGACAGCAGTGGCA 673
DB 2 GAGACAGCAGTGGCA 17

RESULT 834
LOCUS CQ622670 17 bp DNA linear PAT 02-FRB-2004
DEFINITION Sequence 7410 from Patent WO0192524.
ACCESSION CQ622670
VERSION CQ622670.1 GI:41672888
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE 1
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Myosin-like gene expressed in human heart and muscle
JOURNAL Patent: WO 0192524-A 7410 06-DEC-2001;
Neomica, Inc. (US)
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 658 GAGACAGCAGTGGCA 673
DB 1 GAGACAGCAGTGGCA 16

RESULT 835
LOCUS CQ623057/c 17 bp DNA linear PAT 02-FRB-2004
DEFINITION Sequence 7797 from Patent WO0192524.
ACCESSION CQ623057
VERSION CQ623057.1 GI:41673275
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE 1
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Myosin-like gene expressed in human heart and muscle
JOURNAL Patent: WO 0192524-A 7797 06-DEC-2001;
Neomica, Inc. (US)
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source Location/Qualifiers
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Query Match 0.3%; Score 14.4; DB 1; Length 17;
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Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2644 CAGCTGCTGCTGACG 2659
DB 17 CAGCTGCTGCTGACG 2

RESULT 836
LOCUS CQ623058/c 17 bp DNA linear PAT 02-FRB-2004
DEFINITION Sequence 7798 from Patent WO0192524.
ACCESSION CQ623058
VERSION CQ623058.1 GI:41673276
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

1 Gu Y., Ji Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E. Myosin-like gene expressed in human heart and muscle Patent: WO 0192524-A 7798 06-DEC-2001; Aecomica, Inc. (US)

FEATURES
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Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2644 CAGCTGCTGCTGAGC 2659
Db 16 CAGCTGCTGCTGAGC 1

RESULT 837
AR329528
LOCUS AR329528 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 6930 from patent US 6566127.
ACCESSION AR329528
VERSION AR329528.1 GI:33715336
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
FEATURES
source 1..17
Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Becobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 6930 20-MAY-2003;
JOURNAL Location/Qualifiers
1..17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 199 CCACACCCCATCTCCC 214
Db 2 CCACACCCCATCTCCC 17

RESULT 838
AR329530
LOCUS AR329530 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 6932 from patent US 6566127.
ACCESSION AR329530
VERSION AR329530.1 GI:33715338
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
FEATURES
source 1..17
Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Becobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 6932 20-MAY-2003;
JOURNAL Location/Qualifiers
1..17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3255 CCAGACCTGCGCTCT 3270
Db 2 CCAGACCTGCGCTCT 17

RESULT 841
AR458216
LOCUS AR458216 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 1893 from patent US 6686188.
ACCESSION AR458216
VERSION AR458216.1 GI:42693273

Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 200 CACACCCCATCTCCCG 215
Db 1 CACACCCCATCTCCCG 16

RESULT 839
AR402225/C
LOCUS AR402225 17 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 565 from patent US 6623962.
ACCESSION AR402225
VERSION AR402225.1 GI:40149675
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
FEATURES
source 1..17
Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Akhtar, S., Fell, P. and McSwiggen, J.A.
TITLE Enzymatic nucleic acid treatment of diseases of conditions related to levels of epidermal growth factor receptors Patent: US 6623962-A 565 23-SEP-2003;
JOURNAL Location/Qualifiers
1..17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 778 GCCCAGAAAGGCGCAG 793
Db 16 GCCCAGAAAGGCGCAG 1

RESULT 840
AR458215
LOCUS AR458215 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 1892 from patent US 6686188.
ACCESSION AR458215
VERSION AR458215.1 GI:42693272
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
FEATURES
source 1..17
Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle Patent: US 6686188-A 1892 03-FEB-2004;
JOURNAL Location/Qualifiers
1..17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3255 CCAGACCTGCGCTCT 3270
Db 2 CCAGACCTGCGCTCT 17

RESULT 841
AR458216
LOCUS AR458216 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 1893 from patent US 6686188.
ACCESSION AR458216
VERSION AR458216.1 GI:42693273

KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 1893 03-FEB-2004;
FEATURES Location/Qualifiers
source 1..17
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3255 CGAGACCTGGCCTCT 3270
Db 1 CGAGACCTGGCCTCT 16

RESULT 842
LOCUS AR458217 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 1894 from patent US 6686188.
ACCESSION AR458217
VERSION AR458217.1 GI:42693274
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 1894 03-FEB-2004;
FEATURES Location/Qualifiers
source 1..17
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3257 AGGACCTGGCCTCTGT 3272
Db 2 AGGACCTGGCCTCTCT 17

RESULT 843
LOCUS AR458218 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 1895 from patent US 6686188.
ACCESSION AR458218
VERSION AR458218.1 GI:42693275
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 1895 03-FEB-2004;
FEATURES Location/Qualifiers
source 1..17
/mol_type="genomic DNA"

/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3257 AGGACCTGGCCTCTGT 3272
Db 1 AGGACCTGGCCTCTCT 16

RESULT 844
LOCUS AR462435/c 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 6112 from patent US 6686188.
ACCESSION AR462435
VERSION AR462435.1 GI:42697492
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 6112 03-FEB-2004;
FEATURES Location/Qualifiers
source 1..17
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2133 GGAAAACTCACACTG 2148
Db 17 GGAAAACTCACACTG 2

RESULT 845
LOCUS AR462436 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 6113 from patent US 6686188.
ACCESSION AR462436
VERSION AR462436.1 GI:42697493
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 6113 03-FEB-2004;
FEATURES Location/Qualifiers
source 1..17
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2133 GGAAAACTCACACTG 2148
Db 16 GGAAAACTCACACTG 1

RESULT 846
LOCUS AR462522/c 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 6114 from patent US 6686188.
ACCESSION AR462522
VERSION AR462522.1 GI:42697494
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 6114 03-FEB-2004;
FEATURES Location/Qualifiers
source 1..17
/mol_type="genomic DNA"

LOCUS AR462522 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 6199 from patent US 6686188.
ACCESSION AR462522
VERSION AR462522.1 GI:42697579
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE
AUTHORS 1 (bases 1 to 17)
Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and
Shannon,M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed
predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 6199 03-FEB-2004;
FEATURES
source
1. .17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 900 GGGGTGCACCGAGGC 915
Db 17 GGGGTGCATCCAGGC 2

RESULT 847
AR462523/c AR462523 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 6200 from patent US 6686188.
ACCESSION AR462523
VERSION AR462523.1 GI:42697580
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE
AUTHORS 1 (bases 1 to 17)
Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and
Shannon,M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed
predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 6200 03-FEB-2004;
FEATURES
source
1. .17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 900 GGGGTGCACCGAGGC 915
Db 16 GGGGTGCATCCAGGC 1

RESULT 848
AR462580/c AR462580 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 6257 from patent US 6686188.
ACCESSION AR462580
VERSION AR462580.1 GI:42697637
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE
AUTHORS 1 (bases 1 to 17)
Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and
Shannon,M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed
predominantly in heart and muscle

JOURNAL Patent: US 6686188-A 6257 03-FEB-2004;
FEATURES
source
1. .17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1475 TTGGCCCGGCGCTGGA 1490
Db 17 TTGGCCCGGCGCTGGA 2

RESULT 849
AR462581/c AR462581 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 6258 from patent US 6686188.
ACCESSION AR462581
VERSION AR462581.1 GI:42697638
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE
AUTHORS 1 (bases 1 to 17)
Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and
Shannon,M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed
predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 6258 03-FEB-2004;
FEATURES
source
1. .17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1475 TTGGCCCGGCGCTGGA 1490
Db 16 TTGGCCCGGCGCTGGA 1

RESULT 850
AR463732 AR463732 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 7409 from patent US 6686188.
ACCESSION AR463732
VERSION AR463732.1 GI:42698789
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE
AUTHORS 1 (bases 1 to 17)
Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and
Shannon,M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed
predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 7409 03-FEB-2004;
FEATURES
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/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 658 GAGAAGACGAGTGCGCA 673
Db 2 GAGCAGACGAGTGCGCA 17

RESULT 851
LOCUS AR463733 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 7410 from patent US 6686188.
ACCESSION AR463733
VERSION AR463733.1 GI:42698790
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.B.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 7410 03-FEB-2004;
FEATURES
source 1..17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 658 GAGAGAGCAGGTGCA 673
Db 1 GAGCAGACGAGTGGCA 16
|||||

RESULT 852
LOCUS AR464120 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 7797 from patent US 6686188.
ACCESSION AR464120
VERSION AR464120.1 GI:42699177
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.B.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 7797 03-FEB-2004;
FEATURES
source 1..17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2644 CAGCTGCTGCTGAGC 2659
Db 17 CAGCTGCTGCTGAGC 2
|||||

RESULT 853
LOCUS AR464121 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 7798 from patent US 6686188.
ACCESSION AR464121
VERSION AR464121.1 GI:42699178
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)

AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.B.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 7798 03-FEB-2004;
FEATURES
source 1..17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2644 CAGCTGCTGCTGAGC 2659
Db 16 CAGCTGCTGCTGAGC 1
|||||

RESULT 854
LOCUS AR494537 17 bp DNA linear PAT 15-MAY-2004
DEFINITION Sequence 86 from patent US 6720181.
ACCESSION AR494537
VERSION AR494537.1 GI:47268979
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Chlaur, D.S., Pagano, M. and Latres, B.
TITLE Ubiquitin ligases as therapeutic targets
JOURNAL Patent: US 6720181-A 86 13-APR-2004;
FEATURES
source 1..17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 482 TGGGACATCCCCCAG 497
Db 17 TGGGACATCCCCCAG 2
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RESULT 855
LOCUS AX022894 17 bp DNA linear PAT 07-SEP-2000
DEFINITION Sequence 2 from Patent WO925819.
ACCESSION AX022894
VERSION AX022894.1 GI:10046385
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1
AUTHORS Uhlmann, E., Weiser, C. and Peyman, A.
TITLE Antisense oligonucleotides against tenascin for treating vitiligo
JOURNAL Patent: WO 925819-A 2 27-MAY-1999;
GMBH (DE); PEYMAN ANTISCHIRMAN (DE)
HOBCHST MARION ROUSSEL DE
FEATURES
source 1..17
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 849 CCAACCCACCTCCACC 864
| | | | |
16 CAAACCCACCTCCACC 1

RESULT 856
AX022913/c 17 bp DNA linear PAT 07-SEP-2000
LOCUS Sequence 21 from Patent WO925819.
DEFINITION AX022913
ACCESSION AX022913.1 GI:10046405
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 Uhlmann,E., Weiser,C. and Peyman,A.
AUTHORS Antisense oligonucleotides against tenascin for treating vitiligo
TITLE Patent: WO 925819-A 21 27-MAY-1999;
JOURNAL UHLMANN EUGEN (DE); WEISER CAROLINE (DE); HOECHST MARION ROUSSEL DE
GMBH (DE); PEYMAN ANSCHIRMAN (DE)
FEATURES
source
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/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 849 CCAACCCACCTCCACC 864
| | | | |
16 CAAACCCACCTCCACC 1

RESULT 858
AX030482/c 17 bp DNA linear PAT 20-SEP-2000
LOCUS Sequence 2 from Patent DE19750702.
DEFINITION AX030482
ACCESSION

QY 849 CCAACCCACCTCCACC 864
| | | | |
16 CAAACCCACCTCCACC 1

RESULT 857
AX022932/c 17 bp DNA linear PAT 07-SEP-2000
LOCUS Sequence 40 from Patent WO925819.
DEFINITION AX022932
ACCESSION AX022932
VERSION AX022932.1 GI:10046425
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 Uhlmann,E., Weiser,C. and Peyman,A.
AUTHORS Antisense oligonucleotides against tenascin for treating vitiligo
TITLE Patent: WO 925819-A 40 27-MAY-1999;
JOURNAL UHLMANN EUGEN (DE); WEISER CAROLINE (DE); HOECHST MARION ROUSSEL DE
GMBH (DE); PEYMAN ANSCHIRMAN (DE)
FEATURES
source
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/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 849 CCAACCCACCTCCACC 864
| | | | |
16 CAAACCCACCTCCACC 1

RESULT 859
AX030501/c 17 bp DNA linear PAT 20-SEP-2000
LOCUS Sequence 21 from Patent DE19750702.
DEFINITION AX030501
ACCESSION AX030501
VERSION AX030501.1 GI:10278058
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 Peyman,A.D., Uhlmann,E.D. and Weiser,C.D.
AUTHORS Antisense oligonucleotides that bind to sequences encoding human
TITLE tenascin for treating depigmentation, cancer, inflammation and
JOURNAL cardiovacular disease
Patent: DE 19750702-A 21 27-MAY-1999;
HOECHST MARION ROUSSEL DE GMBH (DE)
FEATURES
source
1..17
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 849 CCAACCCACCTCCACC 864
| | | | |
16 CAAACCCACCTCCACC 1

RESULT 860
AX030520/c 17 bp DNA linear PAT 20-SEP-2000
LOCUS Sequence 40 from Patent DE19750702.
DEFINITION AX030520
ACCESSION AX030520
VERSION AX030520.1 GI:10278077
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 Peyman,A.D., Uhlmann,E.D. and Weiser,C.D.
AUTHORS Antisense oligonucleotides that bind to sequences encoding human
TITLE

VERSION AX030482.1 GI:10278039
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 Peyman,A.D., Uhlmann,E.D. and Weiser,C.D.
AUTHORS Antisense oligonucleotides that bind to sequences encoding human
TITLE tenascin for treating depigmentation, cancer, inflammation and
JOURNAL cardiovacular disease
Patent: DE 19750702-A 2 27-MAY-1999;
HOECHST MARION ROUSSEL DE GMBH (DE)
FEATURES
source
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/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

exon
1..17

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 849 CCAACCCACCTCCACC 864
| | | | |
16 CAAACCCACCTCCACC 1

RESULT 859
AX030501/c 17 bp DNA linear PAT 20-SEP-2000
LOCUS Sequence 21 from Patent DE19750702.
DEFINITION AX030501
ACCESSION AX030501
VERSION AX030501.1 GI:10278058
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 Peyman,A.D., Uhlmann,E.D. and Weiser,C.D.
AUTHORS Antisense oligonucleotides that bind to sequences encoding human
TITLE tenascin for treating depigmentation, cancer, inflammation and
JOURNAL cardiovacular disease
Patent: DE 19750702-A 21 27-MAY-1999;
HOECHST MARION ROUSSEL DE GMBH (DE)
FEATURES
source
1..17
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 849 CCAACCCACCTCCACC 864
| | | | |
16 CAAACCCACCTCCACC 1

RESULT 860
AX030520/c 17 bp DNA linear PAT 20-SEP-2000
LOCUS Sequence 40 from Patent DE19750702.
DEFINITION AX030520
ACCESSION AX030520
VERSION AX030520.1 GI:10278077
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 Peyman,A.D., Uhlmann,E.D. and Weiser,C.D.
AUTHORS Antisense oligonucleotides that bind to sequences encoding human
TITLE

tenascin for treating depigmentation, cancer, inflammation and cardiovascular disease
Patent: DE 19750702-A 40 27-MAY-1999;
HOECHST MARION ROUSSEL DE GMBH (DE)

FEATURES

source
1. .17
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 849 CCNACCCACTCCACC 864
16 CNAACCCACTCCACC 1

RESULT 861

AX214571 17 bp RNA linear PAT 07-SEP-2001
LOCUS AX214571
DEFINITION Sequence 13 from Patent WO0159103.
ACCESSION AX214571
VERSION AX214571.1 GI:15524614
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Blatt, L., Meswigen, J. and Chowrira, B. M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
PATENT: WO 0159103-A 13 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
MCSwigen, James (US); Chowrira, Bharat M. (US)

FEATURES

source
1. .17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 CATCATCTCCACCTTC 2334
1 CATCATCTCCACCTTC 16

RESULT 862

AX215324 17 bp RNA linear PAT 07-SEP-2001
LOCUS AX215324
DEFINITION Sequence 766 from Patent WO0159103.
ACCESSION AX215324
VERSION AX215324.1 GI:15525367
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Blatt, L., Meswigen, J. and Chowrira, B. M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
PATENT: WO 0159103-A 766 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
MCSwigen, James (US); Chowrira, Bharat M. (US)

FEATURES

source
1. .17
/organism="synthetic construct"
/mol_type="unassigned RNA"

/db_xref="taxon:32630"
/note="Nucleic Acid"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2641 CTCGACGTGCTGCTGC 2656
16 CTCGACGTGCTGCTGC 1

RESULT 863

AX215329 17 bp RNA linear PAT 07-SEP-2001
LOCUS AX215329
DEFINITION Sequence 771 from Patent WO0159103.
ACCESSION AX215329
VERSION AX215329.1 GI:15525372
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Blatt, L., Meswigen, J. and Chowrira, B. M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
PATENT: WO 0159103-A 771 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
MCSwigen, James (US); Chowrira, Bharat M. (US)

FEATURES

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/organism="synthetic construct"
/mol_type="unassigned RNA"
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/note="Nucleic Acid"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 CATCATCTCCACCTTC 2334
2 CATCATCTCCACCTTC 17

RESULT 864

AX215935 17 bp RNA linear PAT 07-SEP-2001
LOCUS AX215935
DEFINITION Sequence 1377 from Patent WO0159103.
ACCESSION AX215935
VERSION AX215935.1 GI:15525978
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Blatt, L., Meswigen, J. and Chowrira, B. M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
PATENT: WO 0159103-A 1377 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
MCSwigen, James (US); Chowrira, Bharat M. (US)

FEATURES

source
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/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5269 GGAAGAGAGTTATTC 5284
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Db 16 GGAGAGAGATTTC 1

RESULT 865

AX216269 17 bp RNA linear PAT 07-SEP-2001
LOCUS Sequence 1711 from Patent WO0159103.
DEFINITION AX216269
ACCESSION AX216269
VERSION AX216269.1 GI:15526312
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
PATENT: WO 0159103-A 1711 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
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source Location/Qualifiers
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/db_xref="taxon:32630"
/note="Nucleic Acid"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 869 TGCTATGCGCTGGAT 884
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Db 2 TGCTATGCCCGGAT 17

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 869 TGCTATGCGCTGGAT 884
|||||
Db 2 TGCTATGCCCGGAT 17

RESULT 866
AX216933 17 bp RNA linear PAT 07-SEP-2001
LOCUS Sequence 2375 from Patent WO0159103.
DEFINITION AX216933
ACCESSION AX216933
VERSION AX216933.1 GI:15526994
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
PATENT: WO 0159103-A 2375 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
source Location/Qualifiers
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/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 2948 ACCTGAGAGGCTGA 2963
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Db 2 ACCTGAGAGGCTGA 17

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 2948 ACCTGAGAGGCTGA 2963
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Db 2 ACCTGAGAGGCTGA 17

RESULT 867

AX216934

LOCUS AX216934 17 bp RNA linear PAT 07-SEP-2001
DEFINITION Sequence 2376 from Patent WO0159103.
ACCESSION AX216934
VERSION AX216934
KEYWORDS AX216934.1 GI:15526995
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
PATENT: WO 0159103-A 2376 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
source Location/Qualifiers
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/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 2948 ACCTGAGAGGCTGA 2963
|||||
Db 1 ACCTGAGAGGCTGA 16

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 2948 ACCTGAGAGGCTGA 2963
|||||
Db 1 ACCTGAGAGGCTGA 16

RESULT 868
AX217303 17 bp RNA linear PAT 07-SEP-2001
LOCUS Sequence 2745 from Patent WO0159103.
DEFINITION AX217303
ACCESSION AX217303
VERSION AX217303.1 GI:15527364
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
PATENT: WO 0159103-A 2745 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
source Location/Qualifiers
1..17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1314 TTCCACATGCGCTGG 1329
|||||
Db 1 TTCCACATGCGCTGG 16

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1314 TTCCACATGCGCTGG 1329
|||||
Db 1 TTCCACATGCGCTGG 16

RESULT 869
AX227160 17 bp RNA linear PAT 10-SEP-2001
LOCUS Sequence 532 from Patent WO0157206.
DEFINITION AX227160
ACCESSION AX227160
VERSION AX227160.1 GI:15556301
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
PATENT: WO 0159103-A 2745 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
source Location/Qualifiers
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/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

REFERENCE
1
AUTHORS
TITLE
JOURNAL
FEATURES
source

artificial sequences.
1
Fattaey,A.R., Jarvis,T., Mcawiggen,J., Bocher,R.N. and Holman,P.S.
Method and reagent for the inhibition of checkpoint kinase-1 (chk
1) enzyme
Patent: WO 0157206-A 532 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
Location/Qualifiers
1. .17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4634 GGCTCTGGCTGAGAA 4649
16 GGCTTCTGGCTGAGAA 1

RESULT 870
AX227272 17 bp RNA linear PAT 10-SEP-2001
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS
TITLE
JOURNAL
FEATURES
source

AX227272
Sequence 644 from Patent W00157206.
AX227272
AX227272.1 GI:15556413
synthetic construct
synthetic construct
artificial sequences.
1
Fattaey,A.R., Jarvis,T., Mcawiggen,J., Bocher,R.N. and Holman,P.S.
Method and reagent for the inhibition of checkpoint kinase-1 (chk
1) enzyme
Patent: WO 0157206-A 644 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
Location/Qualifiers
1. .17
/organism="synthetic construct"
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/db_xref="taxon:32630"

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3818 GAGTCACTTCCTCT 3833
1 GTGTTCACTTCCTCT 16

RESULT 871
AX227478 17 bp RNA linear PAT 10-SEP-2001
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS
TITLE
JOURNAL
FEATURES
source

AX227478
Sequence 850 from Patent W00157206.
AX227478
AX227478.1 GI:15556619
synthetic construct
synthetic construct
artificial sequences.
1
Fattaey,A.R., Jarvis,T., Mcawiggen,J., Bocher,R.N. and Holman,P.S.
Method and reagent for the inhibition of checkpoint kinase-1 (chk
1) enzyme
Patent: WO 0157206-A 850 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
Location/Qualifiers
1. .17
/organism="synthetic construct"
/mol_type="unassigned RNA"

/db_xref="taxon:32630"

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4635 GGCTCTGGCTGAGAA 4650
17 GGTTCTGGCTGAGAA 2

RESULT 872
AX266923 17 bp DNA linear PAT 26-OCT-2001
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS
TITLE
JOURNAL
FEATURES
source

AX266923
Sequence 4314 from Patent W00173002.
AX266923
AX266923.1 GI:16515724
Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
1
Kmiec,E.B., Gamper,H.B. and Rice,M.C.
Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002-A 4314 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 996 AGCTTTCCAGCTCC 1011
1 AGCTTTCCAGCTCC 16

RESULT 873
AX266924 17 bp DNA linear PAT 26-OCT-2001
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS
TITLE
JOURNAL
FEATURES
source

AX266924
Sequence 4315 from Patent W00173002.
AX266924
AX266924.1 GI:16515725
Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
1
Kmiec,E.B., Gamper,H.B. and Rice,M.C.
Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002-A 4315 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 996 AGCTTTCCAGCTCC 1011
17 AGCTTTCCAGCTCC 2

RESULT 874
AX266927 17 bp DNA linear PAT 26-OCT-2001
LOCUS Sequence 4318 from Patent WO0173002.
DEFINITION AX266927
ACCESSION AX266927.1 GI:16515728
VERSION
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Kmiec, E.B., Gamper, H.B. and Rice, M.C.
TITLE Targeted chromosomal genomic alterations with modified single
JOURNAL stranded oligonucleotides
PATENT: WO 0173002-A 4318 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
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source 1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 996 AGCTCTTCAGCTCC 1011
Db 2 AGCTCTTCAGCTCC 17
|||||
|||||

RESULT 875
AX266928 17 bp DNA linear PAT 26-OCT-2001
LOCUS Sequence 4319 from Patent WO0173002.
DEFINITION AX266928
ACCESSION AX266928
VERSION AX266928.1 GI:16515729
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Kmiec, E.B., Gamper, H.B. and Rice, M.C.
TITLE Targeted chromosomal genomic alterations with modified single
JOURNAL stranded oligonucleotides
PATENT: WO 0173002-A 4319 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
FEATURES
source 1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 996 AGCTCTTCAGCTCC 1011
Db 16 AGCTCTTCAGCTCC 1
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|||||

RESULT 876
AX272684 17 bp RNA linear PAT 29-OCT-2001
LOCUS Sequence 253 from Patent WO0162911.
DEFINITION AX272684
ACCESSION AX272684
VERSION AX272684.1 GI:16545421
KEYWORDS

SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Jarvis, T., von Carlowitz, I., Mcswiggen, J.A., Hamblin, P.A. and Ellis, U.H.
TITLE Method and reagent for the inhibition of grid
JOURNAL Patent: WO 0162911-A 253 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
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source 1.17
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Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4431 GGCTTGTGTAACCA 4446
Db 17 GGCTTGTGTAACCA 2
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|||||

RESULT 877
AX272954 17 bp RNA linear PAT 29-OCT-2001
LOCUS Sequence 523 from Patent WO0162911.
DEFINITION AX272954
ACCESSION AX272954
VERSION AX272954.1 GI:16545691
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Jarvis, T., von Carlowitz, I., Mcswiggen, J.A., Hamblin, P.A. and Ellis, U.H.
TITLE Method and reagent for the inhibition of grid
JOURNAL Patent: WO 0162911-A 523 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
FEATURES
source 1.17
/organism="Homo sapiens"
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/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1067 TGCTGGGCGCTGGGG 1082
Db 17 TGCTGGGCGCTGGGG 2
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RESULT 878
AX422701 17 bp RNA linear PAT 18-JUN-2002
LOCUS Sequence 1037 from Patent WO0188124.
DEFINITION AX422701
ACCESSION AX422701
VERSION AX422701.1 GI:21526083
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Jarvis, T., von Carlowitz, I., Mcswiggen, J.A., McLaughlin, F.G. and Randi, A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1037 22-NOV-2001;

FEATURES RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2165 CACCCCTCTCTCTACA 2180
17 CACCCCTCTCTCTACA 2

RESULT 879
AX423690/c 17 bp RNA linear PAT 18-JUN-2002
LOCUS Sequence 2026 from Patent WO0186124.
ACCESSION AX423690
VERSION AX423690.1 GI:21527072
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
1
AUTHORS Jarvis, T., von Carlwiltz, I., Mcswigen, J.A., McLaughlin, F.G. and
Randi, A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0186124-A 2026 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
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1. .17
/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2165 CACCCCTCTCTCTACA 2180
16 CACCCCTCTCTCTACA 1

RESULT 880
AX532368 17 bp DNA linear PAT 22-NOV-2002
LOCUS Sequence 1877 from Patent EP1239051.
DEFINITION AX532368
ACCESSION AX532368
VERSION AX532368.1 GI:25256515
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
1
AUTHORS Shannon, M.
TITLE Human posh-1 like protein 1
JOURNAL Patent: EP 1239051-A 1877 11-SEP-2002;
Neomica, Inc. (US)
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source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2858 GGAGCCCCACCATGGT 2873
2 GGAGCCCCACCATGGT 17

RESULT 881
AX532369 17 bp DNA linear PAT 22-NOV-2002
LOCUS Sequence 1878 from Patent EP1239051.
DEFINITION AX532369
ACCESSION AX532369
VERSION AX532369.1 GI:25256517
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
1
AUTHORS Shannon, M.
TITLE Human posh-1 like protein 1
JOURNAL Patent: EP 1239051-A 1878 11-SEP-2002;
Neomica, Inc. (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2858 GGAGCCCCACCATGGT 2873
1 GGAGCCCCACCATGGT 16

RESULT 882
AX556618/c 17 bp DNA linear PAT 27-NOV-2002
LOCUS Sequence 131 from Patent WO02057453.
DEFINITION AX556618
ACCESSION AX556618
VERSION AX556618.1 GI:2589794
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE Gangolli, E.A., Patturajan, M., Vernet, C.A., Malvankar, U.M.,
Kehuda, R., Stone, D.J., Anderson, D., Shinkens, R.A., Burgess, C.E.,
Zernusen, B.D., Liu, X., Spytek, K.A., Casman, S.J., Boldog, P.L.,
Smithson, G., Li, L., and Ji, W.
TITLE Polypeptides and nucleic acids encoding same
JOURNAL Patent: WO 02057453-A 131 25-JUL-2002;
Curagen Corporation (US)
FEATURES
source
1. .17
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/note="PCR primer"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3750 CGATGACTTCTGGGCG 3765
17 CGATGACTTCTGGGCG 2

RESULT 883
AX556636/c

LOCUS AX556636 17 bp DNA linear PAT 27-NOV-2002
DEFINITION Sequence 149 from Patent WO02057453.
ACCESSION AX556636
VERSION AX556636.1 GI:25899812
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 Ganapoli,E.A., Patturajan,M., Vernet,C.A., Malvankar,U.M.,
Keruda,R., Stone,D.J., Anderson,D., Shimkets,R.A., Burgess,C.E.,
Zerhusen,B.D., Liu,X., Spytek,K.A., Casman,S.J., Boldog,F.L.,
Smithson,G., Li,L., and Ji,W.
TITLE
JOURNAL
Polypeptides and nucleic acids encoding same
Patent: WO 02057453-A 149 25-JUL-2002;
Curagen Corporation (US)
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1.17
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="PCR primer"
Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 3750 CGATGACTCTGGGGC 3765
17 CGATGCTTCTGGGC 2
RESULT 884
AX578614/c 17 bp RNA linear PAT 10-JAN-2003
LOCUS AX578614
DEFINITION Sequence 452 from Patent WO0211674.
ACCESSION AX578614
VERSION AX578614.1 GI:27647816
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS
1 Thompson,J., Mowisgen,U., McKenzie,T., Ayers,D., Szymkowski,D.E.
and Grube,A.
TITLE
JOURNAL
Method and reagent for the inhibition of calcium activated chloride
channel-1 (Clca-1)
Patent: WO 0211674-A 452 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) LLC (US) ;
Thompson, James (US)
FEATURES
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1.17
/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"
Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 3095 CCTTTGGGCTGAGAGC 3110
16 CTTTGGGATGAGAGC 1
RESULT 885
AX648561 17 bp DNA linear PAT 22-MAR-2003
LOCUS AX648561
DEFINITION Sequence 401 from Patent EP1273660.
ACCESSION AX648561
VERSION AX648561.1 GI:29151379
KEYWORDS

SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS
1 Gu,Y.
TITLE
JOURNAL
Human sodium-hydrogen exchanger like protein 1
Patent: EP 1273660-A 401 08-JAN-2003;
Aeomica, Inc. (US)
FEATURES
source
1.17
/organism="Homo sapiens"
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Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 5397 AATATCAAAAAGAGAA 5412
2 AATATCAAAAAGAGAA 17
RESULT 886
AX648562 17 bp DNA linear PAT 22-MAR-2003
LOCUS AX648562
DEFINITION Sequence 402 from Patent EP1273660.
ACCESSION AX648562
VERSION AX648562.1 GI:29151380
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS
1 Gu,Y.
TITLE
JOURNAL
Human sodium-hydrogen exchanger like protein 1
Patent: EP 1273660-A 402 08-JAN-2003;
Aeomica, Inc. (US)
FEATURES
source
1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 5397 AATATCAAAAAGAGAA 5412
1 AATATCAAAAAGAGAA 16
RESULT 887
AX672976 17 bp DNA linear PAT 27-MAR-2003
LOCUS AX672976/c
DEFINITION Sequence 1421 from Patent WO03004526.
ACCESSION AX672976
VERSION AX672976.1 GI:29331324
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS
1 Teleman,A., Amson,R. and Tuijinder,M.
TITLE
JOURNAL
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines
Patent: WO 03004526-A 1421 16-JAN-2003;
Molecular Engines Laboratories (FR)

FEATURES
source

Location/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3557 GGCAGAGACTGGATC 3572

Db 16 GGCAGAGACTGGATC 1

RESULT 888
AX674420 17 bp DNA linear PAT 27-MAR-2003
LOCUS Sequence 2865 from Patent WO03004526.
DEFINITION AX674420
ACCESSION AX674420
VERSION AX674420.1 GI:29332768
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Telerman, A., Anson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines
JOURNAL Patent: WO 03004526-A 2865 16-JUN-2003;
Molecular Engines Laboratories (FR)

FEATURES
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1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 29 ACCTGGAGCCAGCAG 44

Db 2 ATCTGGAGCCAGCAG 17

RESULT 889
AX690594 17 bp DNA linear PAT 31-MAR-2003
LOCUS Sequence 3326 from Patent EP1281758.
DEFINITION AX690594
ACCESSION AX690594
VERSION AX690594.1 GI:29413475
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
JOURNAL Patent: EP 1281758-A 3326 05-FEB-2003;
Neomica, Inc. (US)

FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 620 ACTCCAGAGCTCTTC 635
Db 2 ACTCCAGAGCTCTTC 17

RESULT 890
AX690595 17 bp DNA linear PAT 31-MAR-2003
LOCUS Sequence 3327 from Patent EP1281758.
DEFINITION AX690595
ACCESSION AX690595
VERSION AX690595.1 GI:29413476
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
JOURNAL Patent: EP 1281758-A 3327 05-FEB-2003;
Neomica, Inc. (US)

FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 620 ACTCCAGAGCTCTTC 635

Db 1 ACTCCAGAGCTCTTC 16

RESULT 891
AX694255 17 bp DNA linear PAT 31-MAR-2003
LOCUS Sequence 6987 from Patent EP1281758.
DEFINITION AX694255
ACCESSION AX694255
VERSION AX694255.1 GI:29417385
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
JOURNAL Patent: EP 1281758-A 6987 05-FEB-2003;
Neomica, Inc. (US)

FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1370 TTCTACAAGACCTCA 1385

Db 17 TTCTACAAGACCTCA 2

RESULT 892
AX694256/c

LOCUS AX694256 17 bp DNA PAT 31-MAR-2003
DEFINITION Sequence 6988 from Patent EPI281758.
ACCESSION AX694256
VERSION AX694256.1 GI:29417386
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Shannon, M., Gu, Y. and Nguyen, C. T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 6988 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1370 TTCTACCAAGACCTCA 1385
Db 16 TTCACCAAGACCTCA 1

RESULT 893
AX726056/c 17 bp DNA PAT 08-MAY-2003
LOCUS AX726056
DEFINITION Sequence 3743 from Patent WO03025176.
ACCESSION AX726056
VERSION AX726056.1 GI:30505399
KEYWORDS Mus musculus
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025176-A 3743 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
source 1..17
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/mol_type="unassigned DNA"
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Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3635 TCCCAATGCTGAGAT 3650
Db 17 TCCCAAGTCTGAGAT 2

RESULT 894
AX730391 17 bp DNA PAT 08-MAY-2003
LOCUS AX730391
DEFINITION Sequence 2025 from Patent WO03025175.
ACCESSION AX730391
VERSION AX730391.1 GI:30509734
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 2025 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2320 ATCATCTCCACCTTCT 2335
Db 2 ATCAACTCCACCTTCT 17

RESULT 895
AX733953/c 17 bp DNA PAT 08-MAY-2003
LOCUS AX733953
DEFINITION Sequence 5587 from Patent WO03025175.
ACCESSION AX733953
VERSION AX733953.1 GI:30513296
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 5587 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
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Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3557 GGCAGAGACTCGATC 3572
Db 16 GGCAGAGACTCGATC 1

RESULT 896
AX736884/c 17 bp DNA PAT 08-MAY-2003
LOCUS AX736884
DEFINITION Sequence 2474 from Patent WO03025177.
ACCESSION AX736884
VERSION AX736884.1 GI:30516172
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
JOURNAL Patent: WO 03025177-A 2474 27-MAR-2003;

REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 2025 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2320 ATCATCTCCACCTTCT 2335
Db 2 ATCAACTCCACCTTCT 17

RESULT 895
AX733953/c 17 bp DNA PAT 08-MAY-2003
LOCUS AX733953
DEFINITION Sequence 5587 from Patent WO03025175.
ACCESSION AX733953
VERSION AX733953.1 GI:30513296
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 5587 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
source 1..17
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Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3557 GGCAGAGACTCGATC 3572
Db 16 GGCAGAGACTCGATC 1

RESULT 896
AX736884/c 17 bp DNA PAT 08-MAY-2003
LOCUS AX736884
DEFINITION Sequence 2474 from Patent WO03025177.
ACCESSION AX736884
VERSION AX736884.1 GI:30516172
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
JOURNAL Patent: WO 03025177-A 2474 27-MAR-2003;

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FEATURES Molecular Engines Laboratories (FR)
source Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2225 TCAGAGACCTTGCTC 2240
16 TCAGAGACCTTGATC 1

RESULT 897
AX736971 17 bp DNA linear PAT 08-MAY-2003
LOCUS Sequence 2561 from Patent WO03025177.
ACCESSION AX736971
VERSION AX736971.1 GI:30516259
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Telerman,A., Amson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
Patent: WO 03025177-A 2561 27-MAR-2003;
JOURNAL Molecular Engines Laboratories (FR)
FEATURES
source Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2320 ATCATCTCCACCTTCT 2335
2 ATCACTCCACCTTCT 17

RESULT 898
AX744420 17 bp DNA linear PAT 14-MAY-2003
LOCUS Sequence 385 from Patent WO03031621.
ACCESSION AX744420
VERSION AX744420.1 GI:30723087
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Zhang,J.
TITLE A human G protein coupled receptor
JOURNAL Patent: WO 03031621-A 385 17-APR-2003;
Amersham Biosciences (SV) Corp. (US)
FEATURES
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2225 TCAGAGACCTTGCTC 2240
16 TCAGAGACCTTGATC 1

RESULT 901
BD067725/c
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LOCUS      BD067725      17 bp      RNA      linear      PAT 27-AUG-2002
DEFINITION Enzymatic nucleic acid treatment of diseases or conditions related
            to levels of epidermal growth factor receptors.
ACCESSION  BD067725
VERSION    BD067725.1 GI:22613328
KEYWORDS   JP 2001511003-A/565.
SOURCE     unidentified
ORGANISM   unidentified
            unclassified.
REFERENCE  1 (bases 1 to 17)
AUTHORS    Akhtar,S., Fell,P. and Mcswiggen,J.A.
TITLE      Enzymatic nucleic acid treatment of diseases or conditions related
            to levels of epidermal growth factor receptors
JOURNAL    Patent: JP 2001511003-A 565 07-AUG-2001;
            RIBOZYME PHARMACEUTICALS INC,ASTON UNIV
COMMENT    OS Unidentified
            PN JP 2001511003-A/565
            PD 07-AUG-2001
            PR 14-JAN-1998 JP 1998532913
            PR 31-JAN-1997 US 60/036476,04-DEC-1997 US 08/985162 PI
            SAGHIR AKHTAR,PATRICIA FELL,JAMES A MCSWIGGEN PC
            C12M9/00,C07K14/71
            CC Strandedness: Single;
            CC Topology: Linear;
            CC Enzymatic nucleic acid treatment of diseases or conditions
            related to
            CC levels of epidermal growth factor receptors
            FH Key location/Qualifiers
            FT source 1..17
            FT /organism='Unidentified'.
            FT Location/Qualifiers
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/organism="unidentified"
/mol_type="genomic RNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 778 GCCCAGGAGGGGACG 793
Db 16 GCCCAGGAGGACAG 1

RESULT 902
LOCUS      A26397      18 bp      DNA      linear      PAT 01-APR-1995
DEFINITION INTS 9 oligonucleotide (20-mer).
ACCESSION  A26397
VERSION    A26397.1 GI:904953
KEYWORDS
SOURCE     synthetic construct
ORGANISM   synthetic construct
            artificial sequences.
            1 (bases 1 to 18)
REFERENCE  1
AUTHORS    EXPRESSION IN NON-TUMORAL HUMAN LYMPHOBLASTOID LINES WITH AN
            INTEGRATIVE VECTOR
            Patent: WO 9305163-A 5 18-FEB-1993;
            Location/Qualifiers
            1..18
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"

JOURNAL    source
FEATURES
source

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 202 CACCCCATCTCCCGTC 217
Db 17 CACCCCATCTCCCGCC 2

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RESULT 903
LOCUS      A32394/c      18 bp      DNA      linear      PAT 07-MAY-1996
DEFINITION Synthetic human Epo gene probe.
ACCESSION  A32394
VERSION    A32394.1 GI:1567387
KEYWORDS
SOURCE     synthetic construct
ORGANISM   synthetic construct
            artificial sequences.
            1 (bases 1 to 18)
REFERENCE  1
AUTHORS    Patent: FR 2657880-A 2 09-AUG-1991;
            Location/Qualifiers
FEATURES
source
1..18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 202 CACCCCATCTCCCGTC 217
Db 17 CACCCCATCTCCCGCC 2

RESULT 904
LOCUS      AR021100/c      18 bp      DNA      linear      PAT 05-DEC-1998
DEFINITION Sequence 5 from patent US 5789247.
ACCESSION  AR021100
VERSION    AR021100.1 GI:3975715
KEYWORDS
SOURCE     Unknown.
ORGANISM   Unknown.
            Unclassified.
            1 (bases 1 to 18)
REFERENCE  1
AUTHORS    Ballay,A., Boffa,G., Cartton,J.-P., Chretien,S., Lambin,P.,
            Lopez,C., Prigent,S. and Salmon,C.
TITLE      Expression in non-tumoral human lymphoblastoid lines with an
            integrative vector
JOURNAL    Patent: US 5789247-A 5 04-AUG-1998;
            Location/Qualifiers
FEATURES
source
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 202 CACCCCATCTCCCGTC 217
Db 17 CACCCCATCTCCCGCC 2

RESULT 905
LOCUS      AR042358      18 bp      DNA      linear      PAT 29-SEP-1999
DEFINITION Sequence 1148 from patent US 5811300.
ACCESSION  AR042358
VERSION    AR042358.1 GI:5962854
KEYWORDS
SOURCE     Unknown.
ORGANISM   Unknown.
            Unclassified.
            1 (bases 1 to 18)
REFERENCE  1
AUTHORS    Sullivan,S., Draper,K., Kieich,K., Stinchcomb,D.T. and McSwiggen,J.
TITLE      TNF- $\alpha$ . ribozymes

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JOURNAL Patent: US 5811300-A 1148 22-SEP-1998;
 FEATURES Location/Qualifiers
 source 1.18
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
 Best Local Similarity 93.8%; Pred. No. 6.6e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 11 CTGGAGAGGTCTGAG 26
 DB 18 CTGGAAAGGTCTGAG 3

RESULT 906
 AR051130/c 18 bp DNA linear PAT 23-SEP-1999
 LOCUS
 DEFINITION Sequence 11 from patent US 5830653.
 ACCESSION AR051130
 VERSION AR051130.1 GI:5974494
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 18)
 Froehler, B., Wagner, R., Matteucci, M., Jones, R.J., Gutierrez, A.J.
 and Pudlo, U.
 TITLE Methods of using oligomers containing modified pyrimidines
 JOURNAL Patent: US 5830653-A 11 03-NOV-1998;
 FEATURES Location/Qualifiers
 source 1.18
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
 Best Local Similarity 93.8%; Pred. No. 6.6e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAGA 1196
 DB 16 GAAAAAGAGAGAGA 1

RESULT 907
 AR153751/c 18 bp DNA linear PAT 08-AUG-2001
 LOCUS
 DEFINITION Sequence 12 from patent US 6235887.
 ACCESSION AR153751
 VERSION AR153751.1 GI:15121283
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 18)
 Froehler, B. and Jones, R.J.
 TITLE Enhanced triple-helix and double-helix formation directed by
 oligonucleotides containing modified pyrimidines
 JOURNAL Patent: US 6235887-A 12 22-MAY-2001;
 FEATURES Location/Qualifiers
 source 1.18
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
 Best Local Similarity 93.8%; Pred. No. 6.6e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAGA 1196
 DB 16 GAAAAAGAGAGAGA 1

RESULT 908
 BD176984/c 18 bp DNA linear PAT 16-APR-2003
 LOCUS
 DEFINITION Method of analyzing nucleic acid base sequence.
 ACCESSION BD176984
 VERSION BD176984.1 GI:30014243
 KEYWORDS JP 2002306166-A/40.
 SOURCE synthetic construct
 ORGANISM artificial sequences.

REFERENCE 1 (bases 1 to 18)
 Yamamoto, N., Okamoto, H. and Suzuki, T.
 TITLE Method of analyzing nucleic acid base sequence
 JOURNAL Patent: JP 2002306166-A 40 22-OCT-2002;
 CANON INC

COMMENT OS Artificial Sequence
 PN JP 2002306166-A/40
 PD 22-OCT-2002
 PF 31-AUG-2000 JP 2000263506
 PI NOBUKO YAMAMOTO, HISASHI OKAMOTO, TOMOHIRO SUZUKI PC
 C12N15/09, C12N15/68//C12M1/00, C12N15/00
 CC Sample origin nucleotide
 FH Key Location/Qualifiers
 FT source 1.18
 /organism="Artificial Sequence".

FEATURES Location/Qualifiers
 source 1.18
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
 Best Local Similarity 93.8%; Pred. No. 6.6e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4647 GAACAGAGAGCCAGC 4662
 DB 16 GAACAGAGAGCCAGC 1

RESULT 909
 BD211617/c 18 bp DNA linear PAT 17-JUL-2003
 LOCUS
 DEFINITION Canine and feline immunoregulatory proteins, nucleic acid molecules
 and method of using the same.
 ACCESSION BD211617
 VERSION BD211617.1 GI:33021387
 KEYWORDS JP 2002516104-A/123.
 SOURCE synthetic construct
 ORGANISM artificial sequences.

REFERENCE 1 (bases 1 to 18)
 Sim, G., Yang, S., Drelitz, M.J. and Wonderling, R.S.
 TITLE Canine and feline immunoregulatory proteins, nucleic acid molecules
 and method of using the same
 JOURNAL Patent: JP 2002516104-A 123 04-JUN-2002;
 HESKA CORP

COMMENT OS Artificial Sequence
 PN JP 2002516104-A/123
 PD 04-JUN-2002
 PF 28-MAY-1999 JP 2000551002
 PR 29-MAY-1998 US 60/087306
 PI GEKKEI SIM, SHUMIN YANG, MATTHEW J DREITZ, RAMANI S WONDERLING PC
 C12N15/09, A61K31/7088, A61K38/00, A61K38/21, A61K39/00, A61K39/395,
 PC A61K39/395,
 PC A61K45/00, A61K48/00, A61P37/02, A61P37/04, C07K14/475, C07K14/535,
 PC C07K14/54,
 PC C07K14/56, C07K14/705, C07K16/24, C07K16/28, C12N1/21, C12N5/10, PC
 G01N33/15,
 PC G01N33/50, C12N15/00, A61K37/02, A61K37/66, C12N5/00 CC
 Description of Artificial Sequence: Synthetic Primer FH Key
 Location/Qualifiers
 FT source 1.18

FEATURES FT /organism='Artificial Sequence'.
source Location/Qualifiers
1.18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 6.6e+02;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 744 GGAGCAGATGGGCTGAG 761
18 GGAGGAGATGGGCTGTG 1

RESULT 910
LOCUS E14405 18 bp DNA linear PAT 28-JUL-1999
DEFINITION Primer.
ACCESSION E14405
VERSION E14405.1 GI:5709088
KEYWORDS JP 1997313187-A/1.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 18)
AUTHORS Akegi,H., Inagaki,A., Yokozeki,S., Nakamura,A. and Fujimura,T.
TITLE DNA MARKER LOCATING NEAR MALE STERILITY-RESTRACTION GENE IN RICE
CYTOPLASM AND DNA DIAGNOSIS
JOURNAL Patent: JP 1997313187-A 1 09-DEC-1997;
MITSUI PETROCHEM IND LTD
COMMENT OS None
OC Artificial sequences.
PN JP 1997313187-A/1
PD 09-DEC-1997
PP 30-MAY-1996 JP 1996136502
PI AKAGI HIROMORI, INAGAKI AKIKO, YOKOZEKI SUKEYOSHI, PI
NAKAMURA ATSUSHI,
FUJIMURA TATSUTO
PC C12N15/09,C07H21/04,C12Q1/68//A01H1/00;
CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
FH key Location/Qualifiers
FT source 1.18
/organism='Artificial sequences'.
FEATURES
source Location/Qualifiers
1.18
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 AGGAAAGAGAGAGAG 1195
1 AGGAGAGAGAGAGAG 16

RESULT 911
LOCUS I08613 18 bp DNA linear PAT 02-DEC-1994
DEFINITION Sequence 7 from Patent WO 8707646.
ACCESSION I08613
VERSION I08613.1 GI:588681
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
FEATURES
source Unclassified.

REFERENCE 1 (bases 1 to 18)
AUTHORS Bargmann,C.I. and Weinberg,R.A.
TITLE DETECTION OF POINT MUTATIONS IN NEU GENES
JOURNAL Patent: WO 8707646-A 7 17-DEC-1987;
FEATURES
source Location/Qualifiers
1.18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3068 TCACAGCTGAGGACTG 3083
16 TCACAGCTGAGGACCG 1

RESULT 912
LOCUS I51690/c 18 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 11 from patent US 5645985.
ACCESSION I51690
VERSION I51690.1 GI:2472891
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Prohler,B., Wagner,R., Matteucci,M., Jones,R.J., Gutierrez,A.J.
and Pardo,J.
TITLE Enhanced triple-helix and double-helix formation with oligomers
containing modified pyrimidines
JOURNAL Patent: US 5645985-A 11 08-JUL-1997;
FEATURES
source Location/Qualifiers
1.18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAAAGAGAGAGAGA 1196
16 GAAAAAGAGAGAGAGA 1

RESULT 913
LOCUS AR187495 18 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 2983 from patent US 6346398.
ACCESSION AR187495
VERSION AR187495.1 GI:20233460
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Pavco,P., McSwigen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 2983 12-FEB-2002;
FEATURES
source Location/Qualifiers
1.18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 313 CCTGTGGGCTCTCTCC 328

Db 1 CCTCTCGGCTCCTCCC 16

RESULT 914
LOCUS AR232160 18 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 2 from patent US 6455290.
ACCESSION AR232160
VERSION AR232160.1 GI:27274047
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 18)
AUTHORS Berthelsen,J., Toma,S. and Isaacchi,A.
TITLE Tanyrase homolog protein (THP), nucleic acids, and methods related to the same
JOURNAL Patent: US 6455290-A 2 24-SEP-2002;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 578 AGGAGCTGAGGAGT 593
Db 17 AGGAGCTGAGGAGAT 2

RESULT 915
LOCUS AR241595 18 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 151 from patent US 6471957.
ACCESSION AR241595
VERSION AR241595.1 GI:27287304
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 18)
AUTHORS Stim,G.-K., Yang,S., Dreitz,M.J. and Wonderling,R.S.
TITLE Canine IL-4 immunoregulatory proteins and uses thereof
JOURNAL Patent: US 6471957-A 151 29-OCT-2002;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 6.6e+02;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 744 GGAGCAGATGGGCTGAG 761
Db 18 GGAGCAGATGGGCTGTG 1

RESULT 916
LOCUS AR254079 18 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 12 from patent US 6479626.
ACCESSION AR254079
VERSION AR254079.1 GI:27302664
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 18)
AUTHORS Kim,J.-S. and Pabo,C.O.

TITLE Poly zinc finger proteins with improved linkers
JOURNAL Patent: US 6479626-A 12 12-NOV-2002;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5192 GGGTCAGCGTGGGAG 5207
Db 3 GGGTCAGCGTGGGCG 18

RESULT 917
LOCUS AR254551 18 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 151 from patent US 6482403.
ACCESSION AR254551
VERSION AR254551.1 GI:27303439
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 18)
AUTHORS Stim,G.-K., Yang,S., Dreitz,M.J. and Wonderling,R.S.
TITLE Canine IL-13 immunoregulatory proteins and uses thereof
JOURNAL Patent: US 6482403-A 151 19-NOV-2002;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 6.6e+02;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 744 GGAGCAGATGGGCTGAG 761
Db 18 GGAGCAGATGGGCTGTG 1

RESULT 918
LOCUS AR295654 18 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 7389 from patent US 6537751.
ACCESSION AR295654
VERSION AR295654.1 GI:31682938
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 18)
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density disequilibrium map of the human genome
JOURNAL Patent: US 6537751-A 7389 25-MAR-2003;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2387 TTCACCTCTGTTTCCA 2402
Db 2 TTCACCTCTCTTCCA 17

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RESULT 919
AR297376      18 bp   DNA
LOCUS         Sequence 9111 from patent US 6537751.
DEFINITION    AR297376
ACCESSION     AR297376
VERSION       AR297376.1 GI:31684660
KEYWORDS
SOURCE        Unknown.
ORGANISM      Unknown.
REFERENCE     1 (bases 1 to 18)
AUTHORS      Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE        Biallelic markers for use in constructing a high density
              disequilibrium map of the human genome
JOURNAL       Patent: US 6537751-A 9111 25-MAR-2003;
FEATURES
source        1..18
              /organism="unknown"
              /mol_type="genomic DNA"

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5152 ATTGCTCTGCGCTGT 5167
Db 1 ATTTCTCTGCGCTGT 16

RESULT 920
AR324009      18 bp   RNA
LOCUS         Sequence 1411 from patent US 6566127.
DEFINITION    AR324009
ACCESSION     AR324009
VERSION       AR324009.1 GI:33709817
KEYWORDS
SOURCE        Unknown.
ORGANISM      Unknown.
REFERENCE     1 (bases 1 to 18)
AUTHORS      Pavco,P., McSwiggen,J.A., Srinchomb,D.T. and Racedo,J.
TITLE        Method and reagent for the treatment of diseases or conditions
              related to levels of vascular endothelial growth factor receptor
JOURNAL       Patent: US 6566127-A 1411 20-MAY-2003;
FEATURES
source        1..18
              /organism="unknown"
              /mol_type="unassigned RNA"

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 313 CCTCTGGGCTCTCC 328
Db 1 CCTCTGGCTCTCC 16

RESULT 921
AX076212/c    18 bp   DNA
LOCUS         Sequence 2 from Patent WO0104326.
DEFINITION    AX076212
ACCESSION     AX076212
VERSION       AX076212.1 GI:12710837
KEYWORDS
SOURCE        synthetic construct
ORGANISM      synthetic construct
              artificial sequences.
REFERENCE     1
AUTHORS      Berthelsen,J., Toma,S. and Isacchi,A.
TITLE        Tankyrase homolog protein (thp), nucleic acids, and methods related
              to the same
JOURNAL       Patent: WO 0104326-A 2 18-JAN-2001;
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PHARMACIA & UPJOHN S.p.A. (IT)
FEATURES
source        1..18
              /organism="synthetic construct"
              /mol_type="unassigned DNA"
              /db_xref="taxon:32630"
              /note="PCR Primers"

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 578 AGGAGCTGAAGAGTT 593
Db 17 AGGAGCTGAAGAGAT 2

RESULT 922
AX082558/c    18 bp   DNA
LOCUS         Sequence 9 from Patent WO0111047.
DEFINITION    AX082558
ACCESSION     AX082558
VERSION       AX082558.1 GI:13184668
KEYWORDS
SOURCE        Homo sapiens (human)
ORGANISM      Homo sapiens
              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Homindae; Homo.
REFERENCE     1
AUTHORS      Bowman,B.M. and Wang,K.
TITLE        Dna sequences isolated from human colonic epithelial cells
JOURNAL       Patent: WO 0111047-A 9 15-FEB-2001;
              Bayer Corporation (US)
FEATURES
source        1..18
              /organism="Homo sapiens"
              /mol_type="unassigned DNA"
              /db_xref="taxon:9606"

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3606 TCTCAAACTCTGAC 3621
Db 18 TCTCAAACTCTGGCC 3

RESULT 923
AX318812      18 bp   DNA
LOCUS         Sequence 28 from Patent WO0172957.
DEFINITION    AX318812
ACCESSION     AX318812
VERSION       AX318812.1 GI:17901094
KEYWORDS
SOURCE        synthetic construct
ORGANISM      synthetic construct
              artificial sequences.
REFERENCE     1
AUTHORS      Itch,N.
TITLE        Fibroblast growth factor-like molecules and uses thereof
JOURNAL       Patent: WO 0172957-A 28 04-OCT-2001;
              Itch, Nobuyuki (JP)
FEATURES
source        1..18
              /organism="synthetic construct"
              /mol_type="unassigned DNA"
              /db_xref="taxon:32630"
              /note="PCR primer"

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 138 CTCAGAGTCCAGGAC 153
DB 3 CTCAGAGACGAGCCATC 18

RESULT 924
LOCUS AX391659/c 18 bp DNA PAT 23-MAR-2002
DEFINITION Sequence 40 from Patent EP1184468.
ACCESSION AX391659
VERSION AX391659.1 GI:19700265
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE 1
AUTHORS Yamamoto,N.C., Okamoto,T.C. and Suzuki,T.C.
TITLE Method for sequencing using probe arrays
JOURNAL Patent: EP 1184468-A 40 06-MAR-2002;
CANON KABUSHIKI KAISHA (JP)
LOCATION/Qualifiers

FEATURES
source 1..18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Sample oligonucleotide"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4647 GAACACGAGGCCGAGC 4662
DB 16 GAACACGAGGCCATC 1

RESULT 925
LOCUS AX391808/c 18 bp DNA PAT 23-MAR-2002
DEFINITION Sequence 40 from Patent EP1184467.
ACCESSION AX391808
VERSION AX391808.1 GI:19700392
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE 1
AUTHORS Yamamoto,N., Okamoto,T., Tanaka,S. and Suzuki,T.
TITLE Screening method for gene variation
JOURNAL Patent: EP 1184467-A 40 06-MAR-2002;
CANON KABUSHIKI KAISHA (JP)
LOCATION/Qualifiers

FEATURES
source 1..18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Sample oligonucleotide"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4647 GAACACGAGGCCGAGC 4662
DB 16 GAACACGAGGCCATC 1

RESULT 926
LOCUS AX453816/c 18 bp DNA PAT 06-JUL-2002
DEFINITION Sequence 40 from Patent EP1213361.
ACCESSION AX453816

VERSION AX453816.1 GI:21713485
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE 1
AUTHORS Okamoto,T., Yamamoto,N. and Suzuki,T.
TITLE Terminal labeled probe array and method of making it
JOURNAL Patent: EP 1213361-A 40 12-JUN-2002;
CANON KABUSHIKI KAISHA (JP)
LOCATION/Qualifiers

FEATURES
source 1..18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthesized"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4647 GAACACGAGGCCGAGC 4662
DB 16 GAACACGAGGCCATC 1

RESULT 927
LOCUS AX599475/c 18 bp DNA PAT 14-FEB-2003
DEFINITION Sequence 815 from Patent WO02077272.
ACCESSION AX599475
VERSION AX599475.1 GI:28399619
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE 1
AUTHORS Berlin,K., Braun,A., Dietler,J., Guetig,D., Howe,A., Mueller,J.,
Olek,A., Piepenbrock,C., Adorian,P., Grabs,G., Lesche,R., Leu,B.,
Lewin,A., Lipschee,B., Maier,S., Nodel,F., Mueller,V., Otto,T.,
Pellet,C. and Ziebarth,H.
TITLE Methods and nucleic acids for the analysis of hematopoietic cell
JOURNAL proliferative disorders
PATENT: WO 02077272-A 815 03-OCT-2002;
Epigenomics AG (DE)
LOCATION/Qualifiers

FEATURES
source 1..18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Detection oligonucleotide for PMS2"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3602 CTAATCTGAACTCCT 3617
DB 17 CTAATCTGAACTCCT 2

RESULT 928
LOCUS AX637808/c 18 bp RNA PAT 21-FEB-2003
DEFINITION Sequence 4947 from Patent EP1260586.
ACCESSION AX637808
VERSION AX637808.1 GI:28473422
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1
AUTHORS Stinchcomb,P.T., Dudycz,L.W., Chowrira,B., Grimm,S., D'Amico,A.,

TITLE
JOURNAL
FEATURES
source
Query Match
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 11 CTGAGAGGCTGAG 26
18 CTGAGAGGCTGAG 3
Db
RESULT 929
BD000051/c
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT
PI
PD
PF
PR
PI
C1201/68, C12M1/00, C12N15/09, G01N33/566, C12N15/00 CC
FH
FT
FT
Location/Qualifiers
1.18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

TITLE
JOURNAL
FEATURES
source
Query Match
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 4647 GAACAGAGCCGACG 4662
16 GAACAGAGCCGACG 1
Db
RESULT 930
BD091566
LOCUS
18 bp DNA linear PAT 27-AUG-2002

DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT
PI
PD
PF
PR
PI
OGAWA, KAZUHIRO SAKURADA
PC
C12N5/06, C12N5/00, A61K35/28, A61P41/00, A61K48/00, C07K16/18 CC
Description of Artificial Sequence: artificially synthesized
primer
CC
FH
Key
Location/Qualifiers
1.18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 4728 AGCCTGAAGGAGACC 4743
2 AGCCTGAAGGAGACC 17
Db
RESULT 931
BD094762
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT
PI
PD
PF
PR
PI
KYOWA HAKKO KOGYO CO LTD, AKIHIRO UMEZAWA, JUNICHI HATA, KEIICHI
FUKUDA, SATOSHI OGAWA, KAZUHIRO SAKURADA, SATOSHI GOJO, YOJI YAMADA
OS
Artificial Sequence
PN
PD
PF
PR
PI
KAZUHIRO SAKURADA, SATOSHI GOJO, YOJI YAMADA
PC
C12N5/06, C12N5/10, C12N15/09, A61K31/203, A61K35/28, A61K38/19, PC
A61K38/39,
PC
A61K38/45, A61K48/00, A61P9/10, A61P41/00, C07K16/28, C12P21/08, PC
C1201/02,
PC
C1201/48, G01N33/577
CC
Description of Artificial Sequence: artificially synthesized

CC sequence primer
FH key Location/Qualifiers
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/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4728 AGCCTGAGAGAGACC 4743
DB 2 AGACCTGAGAGAGACC 17

RESULT 932
BD096304 18 bp DNA linear PAT 27-AUG-2002
LOCUS Cells capable of differentiating into myocardial cells.
DEFINITION BD096304
ACCESSION BD096304.1 GI:22641892
VERSION WO 0148151-A/29.
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 18)
AUTHORS Umezawa, A., Hata, J., Fukuda, K., Ogawa, S., Sakurada, K., Gojo, S. and Yamada, Y.
TITLE Cells capable of differentiating into myocardial cells
JOURNAL Patent: WO 0148151-A 29 05-JUL-2001;
KYOMA HAKKO KOGYO CO LTD
OS Artificial Sequence
PN WO 0148151-A/29
PD 05-JUL-2001
PP 27-DEC-2000 WO 2000JP009323
PR 28-DEC-1999 JP 99P 372826, 28-FEB-2000 WO PCTJP0001148 PR
02-NOV-2000 WO PCTJP0007741
PI AKIHIRO UMEZAWA, JUNICHI HATA, KEIICHI FUKUDA, SATOSHI OGAWA, PI
KAZUHIRO SAKURADA, SATOSHI GOJO, YOJI YAMADA
PC C12N5/06, C12N5/08, C12P21/08, C1201/02, A61K35/28, A61K35/44, A61P9/06,
A61P9/04//A61K38/18, C12N15/12
CC Description of Artificial Sequence: artificially synthesized
CC sequence primer
FH key Location/Qualifiers
FT source 1..18
/organism='Artificial Sequence'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

FEATURES
source 1..18
Location/Qualifiers
1..18
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4728 AGCCTGAGAGAGACC 4743
DB 2 AGACCTGAGAGAGACC 17

RESULT 933
BD133662 18 bp DNA linear PAT 18-SEP-2002
LOCUS Method for screening mutated gene.
DEFINITION

ACCESSION BD133662
VERSION BD133662.1 GI:23228607
KEYWORDS JP 2002071687-A/40.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 18)
AUTHORS Yamamoto, N., Okamoto, T., Suzuki, T. and Tanaka, S.
TITLE Method for screening mutated gene
JOURNAL Patent: JP 2002071687-A 40 12-MAR-2002;
CANON INC

COMMENT OS Artificial Sequence
PN JP 2002071687-A/40
PD 12-MAR-2002
PP 31-AUG-2000 JP 2000263396
PI NOBUKO YAMAMOTO, TADASHI OKAMOTO, TOMOHIRO SUZUKI, SHINYA TANAKA,
PC GO1N33/53, C12M1/00, C12N15/09, C1201/68, GO1N31/22, GO1N33/566, PC
GO1N37/00,
PC C12N15/00
CC Sample origin: nucleotide
FH key Location/Qualifiers
FT source 1..18
/organism='Artificial Sequence'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4647 GAACACGAGGCCGACG 4662
DB 16 GAACACGAGGCCGACG 1

RESULT 934
BD135111 18 bp DNA linear PAT 18-SEP-2002
LOCUS Polyzinc finger protein having improved linker.
DEFINITION BD135111
ACCESSION BD135111.1 GI:23230056
VERSION JP 2002050511-A/12.
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 18)
AUTHORS Kim, J.S. and Pabo, C.O.
TITLE Polyzinc finger protein having improved linker
JOURNAL Patent: JP 2002050511-A 12 19-FEB-2002;
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
OS Artificial Sequence
PN JP 2002050511-A/12
PD 19-FEB-2002
PP 01-MAR-1999 JP 2000534663
PR 02-MAR-1998 US 60/076454
PI JIN SOO KIM, CARL O PABO
PC C12N15/09, C07K14/00, C07K19/00//A61K38/00, A61K48/00, C12P21/00,
PC C12N15/00,
PC A61K37/02
CC Description of Artificial Sequence: NZ site with NRE- and CC
Zif268-binding
CC sites directly juxtaposed
FH key Location/Qualifiers
FT source 1..18
/organism='Artificial Sequence'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

FEATURES
source 1..18
Location/Qualifiers
1..18
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5192 GGGTTCAGCGTGGGAG 5207
|||||
DB 3 GGGTTCAGCGTGGGCG 18

RESULT 935
BD135740/c 18 bp DNA linear PAT 18-SEP-2002
LOCUS
DEFINITION Method for detecting subjective component in specimen sample, and
substitute for detection used therefor.
ACCESSION BD135740
VERSION BD135740.1 GI:23230685
KEYWORDS JP 2002065274-A/44.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
1 (bases 1 to 18)
REFERENCE Yamamoto,N., Okamoto,T., Suzuki,T. and Shimizu,A.
AUTHORS Method for detecting subjective component in specimen sample, and
TITLES substrate for detection used therefor
JOURNAL Patent: JP 2002065274-A 44 05-MAR-2002;
CANON INC

OS Artificial Sequence
PN JP 2002065274-A/44
PD 05-MAR-2002 JP 2000263395
PF 31-AUG-2000 JP 2000263395
PI NOBUKO YAMAMOTO,TADASHI OKAMOTO,TOMOHIRO SUZUKI,AKIRA SHIMIZU
PC C12N15/09,C12M1/00,C12Q1/68,G01N31/22,G01N33/53, PC
G01N33/566,
PC G01N35/02,G01N35/10,G01N37/00,C12N15/00,G01N35/06 CC DNA
probe for hybridizing with gene encoding
mutated p53,named
CC in Table 1 as probe 40
FH Key Location/Qualifiers
FT source 1..18 /organism='Artificial Sequence'.
FT Location/Qualifiers
1..18 /organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4647 GAACACGAGGCCGAGC 4662
|||||
DB 16 GAACACGAGGCCGATC 1

RESULT 936
BD161006/c 18 bp DNA linear PAT 17-JUN-2003
LOCUS
DEFINITION Terminal-labeled probe-array and method for preparing it, and
method for evaluating target mass using the same.
ACCESSION BD161006
VERSION BD161006.1 GI:27866764
KEYWORDS JP 2002153284-A/40.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
1 (bases 1 to 18)
REFERENCE Okamoto,T., Yamamoto,N. and Suzuki,T.
AUTHORS Terminal-labeled probe-array and method for preparing it, and
TITLES method for evaluating target mass using the same
JOURNAL Patent: JP 2002153284-A 40 28-MAY-2002;

COMMENT CANON INC
OS Artificial Sequence
PN JP 2002153284-A/40
PD 28-MAY-2002
PF 24-NOV-2000 JP 2000357446
PI TADASHI OKAMOTO,NOBUKO YAMAMOTO,TOMOHIRO SUZUKI PC
C12N15/09,C12Q1/68,G01N31/22,G01N33/53,G01N35/66,G01N37/00, PC
C12N15/00
CC Description of Artificial Sequence:Synthesized FH Key
Location/Qualifiers
FT source 1..18 /organism='Artificial Sequence'.
FT Location/Qualifiers
1..18 /organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4647 GAACACGAGGCCGAGC 4662
|||||
DB 16 GAACACGAGGCCGATC 1

RESULT 938
A65742/c 19 bp DNA linear PAT 29-MAR-1999
LOCUS
DEFINITION Sequence 23 from Patent WO9735973.
ACCESSION A65742
VERSION A65742.1 GI:4531361

COMMENT
OS Artificial Sequence
PN WO 0233068-A/40
PD 25-APR-2002
PF 18-OCT-2000 WO 2000JP007244
PI NOBUKO YAMAMOTO,TADASHI OKAMOTO,TOMOHIRO SUZUKI PC
C12N15/09,C12Q1/68,G01N33/566,G01N33/53
CC Sample originucleotide
FH Key Location/Qualifiers
FT source 1..18 /organism='Artificial Sequence'.
FT Location/Qualifiers
1..18 /organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4647 GAACACGAGGCCGAGC 4662
|||||
DB 16 GAACACGAGGCCGATC 1

RESULT 938
A65742/c 19 bp DNA linear PAT 29-MAR-1999
LOCUS
DEFINITION Sequence 23 from Patent WO9735973.
ACCESSION A65742
VERSION A65742.1 GI:4531361

KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE unclassified.
AUTHORS 1
Lenzen, G., Pietri-Rouxel, F., Drumare, Marie-Francoise and Strosberg, A.D.
TITLE CANINE beta 2- AND beta 3-ADRENERGIC RECEPTORS AND USE THEREOF
JOURNAL Patent: WO 9735973-A 23 02-OCT-1997;
VERTIGEN (FR)
COMMENT Other publication FR 2746813 19971003.
FEATURES
source 1. 19
/organism="unclassified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1618 TACTTCAGCTGCAGAG 1633
DB 17 TACTTCAGCTGCAGAG 2

RESULT 939
E12683 19 bp DNA linear PAT 27-APR-1998
LOCUS Anti-HTLV-1 antisense oligonucleotide.
DEFINITION E12683
ACCESSION E12683.1 GI:3251515
KEYWORDS JP 1997052898-A/17.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 19)
AUTHORS Mizuguchi, M., Kurosaki, N., Makino, K., Koyanagi, Y. and Yamamoto, N.
TITLE ANTI-HTLV-1 ANTI-SENSE OLIGONUCLEOTIDE
JOURNAL Patent: JP 1997052898-A 17 25-FEB-1997;
SOYAKU GIJUTSU KENKYUSHO:KK
COMMENT OS None
OC Artificial sequences.
PN JP 1997052898-A/17
PD 25-FEB-1997
PF 09-AUG-1995 JP 1995224606
PI MIZUGUCHI MASATSUGU, KUROSAKI NAOKO, MAKINO KEISUKE, PI
Koyanagi Yoshio,
PI YAMAMOTO NAOKI
PC C07H21/04//A61K31/70;
CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
CC anti-sense: Yes;
FH Key
FT source 1. 19
Location/Qualifiers
FEATURES
source 1. 19
Location/Qualifiers
/organism="Artificial sequences".
1. 19
/organism="unclassified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 4040 AAGGGGCCCATGTGGA 4055
DB 2 AAGTGGCCCATGTGGA 17

RESULT 940
AR268328 19 bp DNA linear PAT 10-APR-2003
LOCUS AR268328
DEFINITION Sequence 9 from patent US 6498147.
ACCESSION AR268328
VERSION AR268328.1 GI:29698678
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Nerenberg, M.I. and Kitaajima, I.
TITLE Suppression of nuclear factor-.kappa.b dependent processes using oligonucleotides
JOURNAL Patent: US 6498147-A 9 24-DEC-2002;
FEATURES
source 1. 19
Location/Qualifiers
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 4040 AAGGGGCCCATGTGGA 4055
DB 2 AAGTGGCCCATGTGGA 17

RESULT 941
AR268329 19 bp DNA linear PAT 10-APR-2003
LOCUS AR268329/c
DEFINITION Sequence 10 from patent US 6498147.
ACCESSION AR268329
VERSION AR268329.1 GI:29698679
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Nerenberg, M.I. and Kitaajima, I.
TITLE Suppression of nuclear factor-.kappa.b dependent processes using oligonucleotides
JOURNAL Patent: US 6498147-A 10 24-DEC-2002;
FEATURES
source 1. 19
Location/Qualifiers
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 4040 AAGGGGCCCATGTGGA 4055
DB 18 AAGTGGCCCATGTGGA 3

RESULT 942
AR038671 19 bp DNA linear PAT 29-SEP-1999
LOCUS AR038671/c
DEFINITION Sequence 5 from patent US 5807678.
ACCESSION AR038671
VERSION AR038671.1 GI:5958034
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Miller, M.L., Lin, D. and Straube, J.F. III.
TITLE Identification of gene mutations associated with congenital lipid adrenal hyperlasia
JOURNAL Patent: US 5807678-A 5 15-SEP-1998;

FEATURES
source
Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGC 2656
DB 16 CTGCCCTCTCTCTGC 1

RESULT 943
LOCUS AR051997 19 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 8 from patent US 5830751.
ACCESSION AR051997
VERSION AR051997.1 GI:5975361
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE
AUTHORS Boeke,J.D. and Brachmann,R.K.
TITLE Genetic assays and strains using human TP53
JOURNAL Patent: US 5830751-A 8 03-NOV-1998;
FEATURES
source
Location/Qualifiers
1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2566 GGGGAGAGAGAGATGG 2581
DB 4 GGGGAGAGAGAGATGG 19

RESULT 944
LOCUS AR060404 19 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 8 from patent US 5840579.
ACCESSION AR060404
VERSION AR060404.1 GI:5986854
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE
AUTHORS Boeke,J.D. and Brachmann,R.K.
TITLE Nucleic acids encoding p53 mutations which suppress p53 cancer mutations
JOURNAL Patent: US 5840579-A 8 24-NOV-1998;
FEATURES
source
Location/Qualifiers
1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2566 GGGGAGAGAGAGATGG 2581
DB 4 GGGGAGAGAGAGATGG 19

RESULT 945
LOCUS AR067405 19 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 1 from patent US 5851762.
ACCESSION AR067405
VERSION AR067405.1 GI:5998627
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE
AUTHORS Simons,M.J.
TITLE Genomic mapping method by direct haplotyping using intron sequence analysis
JOURNAL Patent: US 5851762-A 1 22-DEC-1998;
FEATURES
source
Location/Qualifiers
1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4685 TGAGCGAGTCTTGAGA 4700
DB 4 TGAGCGAGTCTTGAGA 19

RESULT 946
LOCUS AR128962 19 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 8 from patent US 6183964.
ACCESSION AR128962
VERSION AR128962.1 GI:14116624
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE
AUTHORS Boeke,J.D. and Brachmann,R.K.
TITLE Method for identifying suppressor mutations for common p53 cancer mutations
JOURNAL Patent: US 6183964-A 8 06-FEB-2001;
FEATURES
source
Location/Qualifiers
1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2566 GGGGAGAGAGAGATGG 2581
DB 4 GGGGAGAGAGAGATGG 19

RESULT 947
LOCUS BD230488 19 bp DNA linear PAT 17-JUL-2003
DEFINITION Total genome radiation hybrid map of canine genome and its use for identification of interesting genes.
ACCESSION BD230488
VERSION BD230488.1 GI:33040258
KEYWORDS JP 2002530091-A/357.
SOURCE Canis familiaris (dog)
ORGANISM Canis familiaris
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.
REFERENCE
AUTHORS Galibert,F. and Andre,C.
TITLE Total genome radiation hybrid map of canine genome and its use for identification of interesting genes
JOURNAL Patent: JP 2002530091-A 357 17-SEP-2002;

LOCUS AR067405 19 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 1 from patent US 5851762.
ACCESSION AR067405
VERSION AR067405.1 GI:5998627
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE
AUTHORS Simons,M.J.
TITLE Genomic mapping method by direct haplotyping using intron sequence analysis
JOURNAL Patent: US 5851762-A 1 22-DEC-1998;
FEATURES
source
Location/Qualifiers
1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4685 TGAGCGAGTCTTGAGA 4700
DB 4 TGAGCGAGTCTTGAGA 19

RESULT 946
LOCUS AR128962 19 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 8 from patent US 6183964.
ACCESSION AR128962
VERSION AR128962.1 GI:14116624
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE
AUTHORS Boeke,J.D. and Brachmann,R.K.
TITLE Method for identifying suppressor mutations for common p53 cancer mutations
JOURNAL Patent: US 6183964-A 8 06-FEB-2001;
FEATURES
source
Location/Qualifiers
1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2566 GGGGAGAGAGAGATGG 2581
DB 4 GGGGAGAGAGAGATGG 19

RESULT 947
LOCUS BD230488 19 bp DNA linear PAT 17-JUL-2003
DEFINITION Total genome radiation hybrid map of canine genome and its use for identification of interesting genes.
ACCESSION BD230488
VERSION BD230488.1 GI:33040258
KEYWORDS JP 2002530091-A/357.
SOURCE Canis familiaris (dog)
ORGANISM Canis familiaris
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.
REFERENCE
AUTHORS Galibert,F. and Andre,C.
TITLE Total genome radiation hybrid map of canine genome and its use for identification of interesting genes
JOURNAL Patent: JP 2002530091-A 357 17-SEP-2002;

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COMMENT          CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
OS               Canis familiaris (dog)
PN               JP 2002530091-A/357
PD               17-SEP-2002
PF               15-NOV-1999 JP 2000582596
PR               13-NOV-1998 US 60/108193
PI               FRANCIS GALIBERT, CATHERINE ANDRE
PC               C12N15/09, C12Q1/68, C12N15/00
CC               BD0293
FH               Key
FT               Location/Qualifiers
FEATURES
source           1..19
                  Location/Qualifiers
                  /organism="Canis familiaris (dog)"
                  /mol_type="genomic DNA"
                  /db_xref="taxon:9615"

Query Match      0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY               3249 CTGCTGCCAGACCTG 3264
Db               1 CTGCTGCCAGACCTG 16

RESULT 948
LOCUS            BD244656                19 bp    DNA             linear    PAT 17-JUL-2003
DEFINITION      Low temperature-adaptable equine influenza virus.
ACCESSION       BD244656
VERSION         BD244656.1 GI:33054426
KEYWORDS        JP 2002522078-A/32.
SOURCE          synthetic construct
ORGANISM        artificial sequences.
REFERENCE        1 (bases 1 to 19)
AUTHORS         Dowling, P.W. and Youngner, J.S.
TITLE           Low temperature-adaptable equine influenza virus
JOURNAL         Patent: JP 2002522078-A 32 23-JUL-2002;
                THE UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER
                EDUCATION
FEATURES
source          OS               Artificial Sequence
                PN               JP 2002522078-A/32
                PD               23-JUL-2002
                PF               12-AUG-1999 JP 2000565137
                PR               13-AUG-1998 US 09/133921
                PI               PATRICIA W DOWLING, JULIUS S YOUNGNER
                PC               C12N15/09, A61K39/145, A61P31/16, C07K14/11, C12N7/04,
                PC               C12R1:92,
                PC               C12N15/00
                CC               Description of Artificial Sequence: Synthetic Primer FH
                FH               Key
                FT               Location/Qualifiers
                FT               source           1..19
                        Location/Qualifiers
                        /organism="Artificial Sequence"
                        /organism="synthetic construct"
                        /mol_type="genomic DNA"
                        /db_xref="taxon:32630"

Query Match      0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY               4491 AGCCGTACCTTCACCT 4506
Db               1 AGCCGTACCTTCACCT 16

RESULT 949
LOCUS            AR254656                19 bp    DNA             linear    PAT 20-DEC-2002
DEFINITION      Sequence 40 from patent US 6482414.
ACCESSION       AR254656
VERSION         AR254656.1 GI:27303677
KEYWORDS        Unknown.
SOURCE          Unknown.
ORGANISM        Unclassified.
REFERENCE        1 (bases 1 to 19)
AUTHORS         Dowling, P.W. and Youngner, J.S.
TITLE           Cold-adapted equine influenza viruses
JOURNAL         Patent: US 6482414-A 40 19-NOV-2002;
                Location/Qualifiers
FEATURES
source           1..19
                  Location/Qualifiers
                  /organism="unknown"
                  /mol_type="genomic DNA"

Query Match      0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY               4491 AGCCGTACCTTCACCT 4506
Db               1 AGCCGTACCTTCACCT 16

RESULT 950
LOCUS            AR299581                19 bp    DNA             linear    PAT 12-JUN-2003
DEFINITION      Sequence 11316 from patent US 6537751.
ACCESSION       AR299581
VERSION         AR299581.1 GI:31686865
KEYWORDS        Unknown.
SOURCE          Unknown.
ORGANISM        Unknown.
REFERENCE        1 (bases 1 to 19)
AUTHORS         Cohen, D., Chumakov, I. and Blumenfeld, M.
TITLE           Biallelic markers for use in constructing a high density
                disequilibrium map of the human genome
JOURNAL         Patent: US 6537751-A 11316 25-MAR-2003;
                Location/Qualifiers
FEATURES
source          1..19
                  Location/Qualifiers
                  /organism="unknown"
                  /mol_type="genomic DNA"

Query Match      0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY               5262 GTTAAGTGGAGAGAG 5277
Db               19 GTTAATTGAGAGAGAG 4

RESULT 951
LOCUS            AR322117                19 bp    mRNA             linear    PAT 17-AUG-2003
DEFINITION      Sequence 8 from patent US 6566056.
ACCESSION       AR322117
VERSION         AR322117.1 GI:33707661
KEYWORDS        Unknown.
SOURCE          Unknown.
ORGANISM        Unclassified.
REFERENCE        1 (bases 1 to 19)
AUTHORS         Boeke, J.D. and Brachmann, R.K.
TITLE           Genetic assays and strains using human TP53
JOURNAL         Patent: US 6566056-A 8 20-MAY-2003;
                Location/Qualifiers
FEATURES
source           1..19
                  Location/Qualifiers
                  /organism="unknown"
                  /mol_type="mRNA"
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Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2566 GGGGAGGAGAGATGC 2581
|||||
DB 4 GGGGAGGAGAGATGC 19

RESULT 952
AR343264 19 bp DNA PAT 17-AUG-2003
DEFINITION Sequence 40 from patent US 6579528.
ACCESSION AR343264
VERSION AR343264.1 GI:33738782
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Dowling,P.W. and Youngner,J.S.
TITLE Cold-adapted equine influenza viruses
JOURNAL Patent: US 6579528-A 40 17-JUN-2003;
FEATURES
source Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4491 AGCCGACCTTCACCT 4506
|||||
DB 1 AGCCGACCTTCATCT 16

RESULT 953
AR455531 19 bp DNA PAT 20-FEB-2004
LOCUS AR455531
DEFINITION Sequence 40 from patent US 6685946.
ACCESSION AR455531
VERSION AR455531.1 GI:42690351
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Dowling,P.W. and Youngner,J.S.
TITLE Cold-adapted equine influenza viruses
JOURNAL Patent: US 6685946-A 40 03-FEB-2004;
FEATURES
source Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4491 AGCCGACCTTCACCT 4506
|||||
DB 1 AGCCGACCTTCATCT 16

RESULT 954
AX130852 19 bp DNA PAT 15-MAY-2001
LOCUS AX130852/c
DEFINITION Sequence 2070 from Patent WO0130362.
ACCESSION AX130852
VERSION AX130852.1 GI:14137157
KEYWORDS

SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE 1
AUTHORS Robbins,J.M. and Tritz,R.
TITLE Ribozyme therapy for the treatment of proliferative skin and eye diseases
JOURNAL Patent: WO 0130362-A 2070 03-MAY-2001;
IMMUSOL, INC. (US)
FEATURES
source Location/Qualifiers
1..19
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="Cyclin E ribozyme binding site"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4374 GGGATCAGGATCAGG 4389
|||||
DB 19 GGGATCAGGAGCAGG 4

RESULT 955
AX225005 19 bp DNA PAT 10-SEP-2001
LOCUS AX225005
DEFINITION Sequence 15 from Patent WO0160849.
ACCESSION AX225005
VERSION AX225005.1 GI:15555078
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Dowling,P.W. and Youngner,J.S.
TITLE Cold-adapted equine influenza viruses
JOURNAL Patent: WO 0160849-A 15 23-AUG-2001;
UNIV. OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION (US)
FEATURES
source Location/Qualifiers
1..19
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Primer"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4491 AGCCGACCTTCACCT 4506
|||||
DB 1 AGCCGACCTTCATCT 16

RESULT 956
AX353083 19 bp DNA PAT 06-FEB-2002
LOCUS AX353083
DEFINITION Sequence 289 from Patent EP1174518.
ACCESSION AX353083
VERSION AX353083.1 GI:18618165
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Loukachov,V.V., van Gemen,B. and Goudsmit,J.
TITLE Collection of binding molecules
JOURNAL Patent: EP 1174518-A 289 23-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)

FEATURES
source

Location/Qualifiers
1.19
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="position 103"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5403 AAAAAAAAAAATGA 5418
|||||
2 AAAAAAAAAAATCA 17

RESULT 957
AX362928 19 bp DNA linear PAT 15-FEB-2002
LOCUS Sequence 289 from Patent WO0208463.
DEFINITION AX362928
ACCESSION AX362928 GI:18695068
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE

1 Loukachov, V.V., Goudamit, J. and van Gemen, B.
AUTHORS
TITLE Collection of binding molecules
JOURNAL Patent: WO 0208463-A 289 31-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
1.19
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="position 103"

FEATURES
source

Location/Qualifiers
1.19
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="position 103"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5403 AAAAAAAAAAATGA 5418
|||||
2 AAAAAAAAAAATCA 17

RESULT 958
AX926744 19 bp DNA linear PAT 19-DEC-2003
LOCUS AX926744
DEFINITION AX926744
ACCESSION AX926744 GI:40247082
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE

1 Nagaraju, J.G.
AUTHORS
TITLE Novel f1ssr-pcr primers and method of identifying genotyping
JOURNAL diverse genomes of plant and animal systems including rice
Patent: WO 03085133-A 27 16-OCT-2003;
Centre for DNA Fingerprinting and Diagnostics, Centre for the
Department of Biotechnology, Ministry of Science & Technology (IN)
Location/Qualifiers
1.19
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="A novel FISSR-PCR primer for genotyping eukaryotes"

FEATURES
source

Location/Qualifiers
1.19
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="A novel FISSR-PCR primer for genotyping eukaryotes"

Query Match 0.3%; Score 14.4; DB 1; Length 19;

Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 GAGAGAGAGAGAGA 1196
|||||
1 GAGAGAGAGAGAGA 16

RESULT 959
AX926752 19 bp DNA linear PAT 19-DEC-2003
LOCUS AX926752
DEFINITION AX926752
ACCESSION AX926752
VERSION AX926752.1 GI:40247110
KEYWORDS
SOURCE
ORGANISM
REFERENCE

1 Nagaraju, J.G.
AUTHORS
TITLE Novel f1ssr-pcr primers and method of identifying genotyping
JOURNAL diverse genomes of plant and animal systems including rice
Patent: WO 03085133-A 35 16-OCT-2003;
Centre for DNA Fingerprinting and Diagnostics, Centre for the
Department of Biotechnology, Ministry of Science & Technology (IN)
Location/Qualifiers
1.19
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="A novel FISSR-PCR primer for genotyping eukaryotes"

FEATURES
source

Location/Qualifiers
1.19
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="A novel FISSR-PCR primer for genotyping eukaryotes"

Query Match 0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1186 AGAGAGAGAGAAAT 1201
|||||
2 AGAGAGAGAGAACT 17

RESULT 960
BD088114 19 bp DNA linear PAT 27-AUG-2002
LOCUS BD088114
DEFINITION A method of arraying genome clone.
ACCESSION BD088114
VERSION BD088114.1 GI:22633724
KEYWORDS
SOURCE
ORGANISM
REFERENCE

1 Soeda, E.
AUTHORS
TITLE A method of arraying genome clone
JOURNAL Patent: JP 2001321190-A 358 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECHS
OS
COMMENT

PN JP 2001321190-A/358
PD 20-NOV-2001
PP 12-MAR-2001 JP 2001068285
PI IICHI SOEDA
PC C12N15/09, C12N15/09, C12M1/00, G01N33/53, G01N33/566, PC
C12N15/00,
PC C12N15/00
CC Description of Artificial Sequence: Synthetic DNA FH Key
Location/Qualifiers
1.19
/organism="Artificial Sequence".

FEATURES
source

Location/Qualifiers
1.19
/organism="synthetic construct"

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Query Match
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 478 CACCTGGGAACATCCC 493
|||||
1 CACCTGAGAACATCCC 16

RESULT 961
BD089283 19 bp DNA linear PAT 27-AUG-2002
LOCUS A method of arraying genome clone.
DEFINITION BD089283
ACCESSION BD089283
VERSION BD089283.1 GI:22634893
KEYWORDS JP 2001321190-A/1527.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 19)
AUTHORS Soeda,E
TITLE A method of arraying genome clone
JOURNAL Patent: JP 2001321190-A 1527 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECBS
COMMENT OS Artificial Sequence
PN JP 2001321190-A/1527
PD 20-NOV-2001
PE 12-MAR-2001 JP 2001068285
PI BIICHI SOEDA
PC C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC
C12N15/00.
CC Description of Artificial Sequence:Synthetic DNA FH Key
FT source
FT 1.19
Location/Qualifiers
1.19 /organism='Artificial Sequence'.
FEATURES
source 1.19
Location/Qualifiers
1.19 /organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3588 CCATGTTGCTCAGGCT 3603
|||||
4 CCATGTTGCTCAGGCT 19

RESULT 962
AB068045 19 bp DNA linear SYN 21-MAY-2003
LOCUS Synthetic construct DNA, reverse primer for human STS sts-WI-21934
DEFINITION at 1p36
ACCESSION AB068045
VERSION AB068045.1 GI:15128849
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K.,
Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
and Soeda,E.
TITLE A BAC-based STS-content map spanning a 35-Mb region of human
chromosome 1p35-p36

FEATURES
source 1.19
Location/Qualifiers
1.19 /organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'
/misc_feature
1.19 /note='forward primer for human STS sts-R192L5R at 1p36
sts-R192L5R obtained from clones B192L5, B359B13, Human
BAC library RPCI-11'

```

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JOURNAL Genomics 74 (1), 55-70 (2001)
MEDLINE 21269192
PubMed 11374902
REFERENCE 2 (bases 1 to 19)
AUTHORS Horii,A.
TITLE Direct Submission
JOURNAL Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,
Tel:81-22-717-8042, Fax:81-22-717-8047)
FEATURES
source 1.19
Location/Qualifiers
1.19 /organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'
misc_feature
1.19 /note='reverse primer for human STS sts-WI-21934 at 1p36
sts-WI-21934 obtained from clones B159A20, B58124,
B493P12, Human BAC library RPCI-11'

Query Match
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 478 CACCTGGGAACATCCC 493
|||||
1 CACCTGAGAACATCCC 16

RESULT 963
AB069002 19 bp DNA linear SYN 21-MAY-2003
LOCUS Synthetic construct DNA, forward primer for human STS sts-R192L5R
DEFINITION at 1p36.
ACCESSION AB069002
VERSION AB069002.1 GI:15129806
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K.,
Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
and Soeda,E.
TITLE A BAC-based STS-content map spanning a 35-Mb region of human
chromosome 1p35-p36
JOURNAL Genomics 74 (1), 55-70 (2001)
MEDLINE 21269192
PubMed 11374902
REFERENCE 2 (bases 1 to 19)
AUTHORS Horii,A.
TITLE Direct Submission
JOURNAL Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,
Tel:81-22-717-8042, Fax:81-22-717-8047)
FEATURES
source 1.19
Location/Qualifiers
1.19 /organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'
misc_feature
1.19 /note='forward primer for human STS sts-R192L5R at 1p36
sts-R192L5R obtained from clones B192L5, B359B13, Human
BAC library RPCI-11'

Query Match
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3588 CCATGTTGCTCAGGCT 3603
|||||

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Db 4 CCATGTTGTCAGGCT 19

RESULT 964
LOCUS BOVINE01 20 bp DNA linear MAM 06-FEB-1999
DEFINITION Bovine DNA for microsatellite marker, 3' terminus.
ACCESSION D83281
VERSION D83281.1 GI:1199698
KEYWORDS PCR primer.
SOURCE Bos taurus (cow)
ORGANISM Bos taurus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Cetartiodactyla; Ruminantia; Pecora; Bovidae; Bovinae; Bos.
REFERENCE 1 (bases 1 to 20)
AUTHORS Hirano,T., Nakane,S., Mizoshita,K., Yamakuchi,H., Inoue-Murayama,M., Watanabe,T., Barendse,W. and Sugimoto,Y.
TITLE Characterization of 42 highly polymorphic bovine microsatellite markers
JOURNAL Anim.Genet. 27 (5), 365-368 (1996)
MEDLINE 97083737
PUBMED 8930081
REFERENCE 2 (bases 1 to 20)
AUTHORS Hirano,T., Nakane,S., Mizoshita,K., Inoue-Murayama,M., Watanabe,T., Barendse,W. and Sugimoto,Y.
TITLE Characterization of 42 bovine microsatellite markers
JOURNAL Unpublished
REFERENCE 3 (bases 1 to 20)
AUTHORS Sugimoto,Y.
TITLE Direct Submission
JOURNAL Submitted (29-JAN-1996) Yoshikazu Sugimoto, Japan Live Stock Technology Association, Shirokawa Institute of Animal Genetics; Nishigo Odakura, Nishishitakawa, Fukushima 961, Japan (E-mail:LD103222@liftyserve.or.jp, Tel:0248-25-5641, Fax:0248-25-5725)
FEATURES
source 1..20
Location/Qualifiers
misc_feature /organism="Bos taurus"
/mol_type="genomic DNA"
/db_xref="taxon:9913"
<1..20
/note="microsatellite DIK03 PCR sense primer"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4434 CTTGGTGAACGAGA 4449
Db 20 CTTGGTGAACGAGA 5

RESULT 965
LOCUS BOVINE31 20 bp DNA linear MAM 06-FEB-1999
DEFINITION Bovine DNA for microsatellite marker, 3' terminus.
ACCESSION D83311
VERSION D83311.1 GI:1199728
KEYWORDS PCR primer.
SOURCE Bos taurus (cow)
ORGANISM Bos taurus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Cetartiodactyla; Ruminantia; Pecora; Bovidae; Bovinae; Bos.
REFERENCE 1 (bases 1 to 20)
AUTHORS Hirano,T., Nakane,S., Mizoshita,K., Yamakuchi,H., Inoue-Murayama,M., Watanabe,T., Barendse,W. and Sugimoto,Y.
TITLE Characterization of 42 highly polymorphic bovine microsatellite markers
JOURNAL Anim.Genet. 27 (5), 365-368 (1996)
MEDLINE 97083737
PUBMED 8930081

REFERENCE 2 (bases 1 to 20)
AUTHORS Hirano,T., Nakane,S., Mizoshita,K., Inoue-Murayama,M., Watanabe,T., Barendse,W. and Sugimoto,Y.
TITLE Characterization of 42 bovine microsatellite markers
JOURNAL Unpublished
REFERENCE 3 (bases 1 to 20)
AUTHORS Sugimoto,Y.
TITLE Direct Submission
JOURNAL Submitted (29-JAN-1996) Yoshikazu Sugimoto, Japan Live Stock Technology Association, Shirokawa Institute of Animal Genetics; Nishigo Odakura, Nishishitakawa, Fukushima 961, Japan (E-mail:LD103222@liftyserve.or.jp, Tel:0248-25-5641, Fax:0248-25-5725)
FEATURES
source 1..20
Location/Qualifiers
misc_feature /organism="Bos taurus"
/mol_type="genomic DNA"
/db_xref="taxon:9913"
<1..20
/note="microsatellite DIK03 PCR sense primer"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4434 CTTGGTGAACGAGA 4449
Db 20 CTTGGTGAACGAGA 5

RESULT 966
LOCUS AR103793 20 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 317 from patent US 6087485.
ACCESSION AR103793
VERSION AR103793.1 GI:12815381
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Brooks-Wilson,A.R., Buckler,A., Cardon,L., Carey,A.H., Galvin,M., Miller,A. and North,M.
TITLE Asthma related genes
JOURNAL Patent: US 6087485-A 317 11-JUL-2000;
FEATURES
source 1..20
Location/Qualifiers
misc_feature /organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2184 CTTGCCAGGCTTC 2199
Db 1 CTTGCCAGGCTTC 16

RESULT 967
LOCUS AR150318 20 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 394 from patent US 6228642.
ACCESSION AR150318
VERSION AR150318.1 GI:15114909
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Baker,B.F., Bennett,C.Frank., Butler,M.M. and Shanahan,W.R. Jr.
TITLE Antisense oligonucleotide modulation of tumor necrosis factor-(.alpha.) (TNF-.alpha.) expression

JOURNAL Patent: US 6228642-A 394 08-MAY-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3261 CCTGCGCTCTGTCCT 3276
Db 19 CCTGCGCTCTGTCCT 4

RESULT 968
AR158929/c 20 bp DNA linear PAT 17-OCT-2001
LOCUS
DEFINITION Sequence 551 from patent US 6251588.
ACCESSION AR158929
VERSION AR158929.1 GI:16221337
KEYWORDS
SOURCE Unknown.
ORGANISM

REFERENCE
AUTHORS

1 (bases 1 to 20)
Shannon,K.W., Wolber,P.K., Delenstarr,G.C., Webb,P.G. and Kincaid,R.H.

TITLE Method for evaluating oligonucleotide probe sequences
JOURNAL Patent: US 6251588-A 551 26-JUN-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5403 AAAAAAGAAAAATGA 5418
Db 20 AAAAAAGAAAAATCA 5

RESULT 969
AR158930/c 20 bp DNA linear PAT 17-OCT-2001
LOCUS
DEFINITION Sequence 552 from patent US 6251588.
ACCESSION AR158930
VERSION AR158930.1 GI:16221339
KEYWORDS
SOURCE Unknown.
ORGANISM

REFERENCE
AUTHORS

1 (bases 1 to 20)
Shannon,K.W., Wolber,P.K., Delenstarr,G.C., Webb,P.G. and Kincaid,R.H.

TITLE Method for evaluating oligonucleotide probe sequences
JOURNAL Patent: US 6251588-A 552 26-JUN-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
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Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5403 AAAAAAGAAAAATGA 5418
Db 19 AAAAAAGAAAAATCA 4

RESULT 970
AR158931/c 20 bp DNA linear PAT 17-OCT-2001
LOCUS
DEFINITION Sequence 553 from patent US 6251588.
ACCESSION AR158931
VERSION AR158931.1 GI:16221341
KEYWORDS
SOURCE Unknown.
ORGANISM

REFERENCE
AUTHORS

1 (bases 1 to 20)
Shannon,K.W., Wolber,P.K., Delenstarr,G.C., Webb,P.G. and Kincaid,R.H.

TITLE Method for evaluating oligonucleotide probe sequences
JOURNAL Patent: US 6251588-A 553 26-JUN-2001;
FEATURES Location/Qualifiers
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/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5403 AAAAAAGAAAAATGA 5418
Db 18 AAAAAAGAAAAATCA 3

RESULT 971
AR158932/c 20 bp DNA linear PAT 17-OCT-2001
LOCUS
DEFINITION Sequence 554 from patent US 6251588.
ACCESSION AR158932
VERSION AR158932.1 GI:16221343
KEYWORDS
SOURCE Unknown.
ORGANISM

REFERENCE
AUTHORS

1 (bases 1 to 20)
Shannon,K.W., Wolber,P.K., Delenstarr,G.C., Webb,P.G. and Kincaid,R.H.

TITLE Method for evaluating oligonucleotide probe sequences
JOURNAL Patent: US 6251588-A 554 26-JUN-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5403 AAAAAAGAAAAATGA 5418
Db 17 AAAAAAGAAAAATCA 2

RESULT 972
AR158933/c 20 bp DNA linear PAT 17-OCT-2001
LOCUS
DEFINITION Sequence 555 from patent US 6251588.
ACCESSION AR158933
VERSION AR158933.1 GI:16221345
KEYWORDS
SOURCE Unknown.
ORGANISM

REFERENCE
AUTHORS

1 (bases 1 to 20)
Shannon,K.W., Wolber,P.K., Delenstarr,G.C., Webb,P.G. and Kincaid,R.H.

TITLE Method for evaluating oligonucleotide probe sequences
JOURNAL Patent: US 6251588-A 555 26-JUN-2001;

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Query Match      0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5403 AAAAAAAAAAATGA 5418
DB 16 AAAAAAAAAAATCA 1

RESULT 973
BD176297      20 bp      DNA      linear      PAT 18-MAR-2003
LOCUS A method of arraying genome clone.
DEFINITION BD176297
ACCESSION BD176297.1 GI:29122003
VERSION WO 02072815-A/97.
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Soeda, E.
TITLE A method of arraying genome clone
JOURNAL Patent: WO 02072815-A 97 19-SEP-2002;
        EIICHI SOEDA, TAKESHI KUKITA
        OS Artificial Sequence
        PN WO 02072815-A/97
        PD 19-SEP-2002
        PR 17-MAY-2001 WO 2001JP004139
        PI 12-MAR-2001 JP 01P 68285
        CC Description of Artificial Sequence: Synthetic DNA FH Key
        FT source 1..20
        Location/Qualifiers
        1..20
        /organism='Artificial Sequence'.

FEATURES
source      Location/Qualifiers
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            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"

Query Match      0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2562 TGAAGGGGAGAGAGAG 2577
DB 5 TGAAGGGGAGAGAGAG 20

RESULT 974
BD196364      20 bp      DNA      linear      PAT 17-JUL-2003
LOCUS Method for typing of minor histocompatibility antigen HA-1.
DEFINITION BD196364
ACCESSION BD196364.1 GI:33006134
VERSION JP 2002510978-A/2.
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Goulmy, E.
TITLE Method for typing of minor histocompatibility antigen HA-1
JOURNAL Patent: JP 2002510978-A 2 09-APR-2002;
        RIJCKS UNIVERSITEIT LEIDEN
        OS Artificial Sequence
        PN JP 2002510978-A/2
        PD 09-APR-2002

COMMENT
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PF 23-JUL-1998 JP 1999509368
PR 23-JUL-1997 EP 97202303.0.02-JUN-1998 EP 98870125.6 PI
ELS Goulmy
PC C12Q1/68, C12N15/12, G01N33/53
CC Description of Artificial Sequence: PCR primer FH Key
FT source 1..20
Location/Qualifiers
1..20
/organism='Artificial Sequence'.

FEATURES
source      Location/Qualifiers
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            /mol_type="genomic DNA"
            /db_xref="taxon:32630"

Query Match      0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3029 GCTGCTCTCTGAGAC 3044
DB 3 GCTGCTCTCTGAGAC 18

RESULT 975
BD228191      20 bp      DNA      linear      PAT 17-JUL-2003
LOCUS Antisense oligonucleotide regulation of expression of tumor
DEFINITION BD228191/c
ACCESSION BD228191
VERSION BD228191.1 GI:33037961
KEYWORDS JP 2002526125-A/394.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Baker, B.F., Bennett, P.C., Butler, M.M. and Jr, W.J.S.
TITLE Antisense oligonucleotide regulation of expression of tumor
JOURNAL necrosis factor-alpha (TNF-alpha)
        Patent: JP 2002526125-A 394 20-AUG-2002;
        ISIS PHARMACEUTICALS INC
        OS Artificial Sequence
        PN JP 2002526125-A/394
        PD 20-AUG-2002
        PR 05-OCT-1999 JP 2000574737
        PR 05-OCT-1998 US 09/166186 18-MAY-1999 US 09/313932 PI
        BRENDAN F BAKER, FRANK C BENNETT, MADELINE M BUTLER, WILLIAM J PI
        SHANAHAN JR
        PC C12N15/09, A61K31/7115, A61K31/712, A61K31/7125, A61K48/00, A61P1/
        PC 00, A61P1/16,
        PC A61P1/18, A61P3/10, A61P17/00, A61P17/04, A61P29/00, A61P31/00, PC
        C07H21/02,
        PC C07H21/04, C12N15/00
        CC Synthetic
        CC Key
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source      Location/Qualifiers
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            /mol_type="genomic DNA"
            /db_xref="taxon:32630"

Query Match      0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3261 CCTGGCTCTGTGCTT 3276
DB 19 CCTGGCTCTGTGCTT 4

RESULT 976
BD230280/c
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LOCUS BD230280 20 bp DNA linear PAT 17-JUL-2003
DEFINITION Total genome radiation hybrid map of canine genome and its use for identification of interesting genes.
ACCESSION BD230280
VERSION BD230280.1 GI:33040050
KEYWORDS JP 2002530091-A/149.
SOURCE Canis familiaris (dog)
ORGANISM Canis familiaris
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.
1 (bases 1 to 20)
Galibert,F. and Andre,C.
Total genome radiation hybrid map of canine genome and its use for identification of interesting genes
Patent: JP 2002530091-A 149 17-SEP-2002;
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
COMMENT OS Canis familiaris (dog)
PN JP 2002530091-A/149
PD 17-SEP-2002
PF 15-NOV-1999 JP 2000582596
PI 13-NOV-1998 US 60/108193
PC C12N15/09, C12Q1/68, C12N15/00
CC A0102
FH Key Location/Qualifiers
FT source 1..20 /organism='Canis familiaris (dog)'.
1..20 Location/Qualifiers
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/mol_type='genomic DNA'
/db_xref='taxon:9615'
FEATURES
source
Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2640 CCTGAGCTGCTGCTG 2655
Db 16 CCTGCTGCTGCTGCTG 1
RESULT 977
BD251310 20 bp DNA linear PAT 17-JUL-2003
LOCUS Methods and compositions for diagnosing carcinomas.
DEFINITION BD251310
ACCESSION BD251310.1 GI:33061080
KEYWORDS JP 2002538434-A/5.
SOURCE synthetic construct
ORGANISM artificial sequences.
1 (bases 1 to 20)
REFERENCE Scholler,N.B., Hellstrom,I. and Hellstrom,K.E.
Authors Methods and compositions for diagnosing carcinomas
Title Patent: JP 2002538434-A 5 12-NOV-2002;
JOURNAL PACIFIC NORTHWEST RESEARCH INSTITUTE
COMMENT OS Artificial Sequence
PN JP 2002538434-A/5
PD 12-NOV-2002
PF 25-FEB-2000 JP 2000601444
PI 26-FEB-1999 US 60/121767, 05-AUG-1999 US 60/147404
PC NATALIE B SCHOLLER, INGEGARD HELLSTROM, KARL ERIK HELLSTROM
G01N33/574, C07K14/82, C07K16/32, C07K16/46, C07K19/00, C12N1/15, PC
C12N1/19,
PC C12N1/21, C12N5/10, C12N15/09, C12P21/02, C12Q1/68, G01N33/15, PC
G01N33/50,
PC G01N33/53, G01N33/577//C12P21/08, C12N15/00, C12N5/00 CC PCR
primer
FH Key Location/Qualifiers
FT source 1..20 /organism='Artificial Sequence'.
1..20 Location/Qualifiers
FEATURES
Location/Qualifiers

source 1..20 /organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'
Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 3755 ACTTCTGGGACCCAC 3770
Db 5 ACTTCTGGGACCCAC 20
RESULT 978
CQ754279 20 bp DNA linear PAT 01-MAR-2004
LOCUS Sequence 17 from Patent WO2004001069.
DEFINITION CQ754279
ACCESSION CQ754279
VERSION CQ754279.1 GI:44845535
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
1
REFERENCE Dupuis,L., di Scala,F., de Tapia,M., Larmet,Y., Loeffler,J.P.,
Authors Gonzales de Aguilar,J.L., Bouillier,A.L., Galdon,C. and Rene,F.
Title Compositions and methods for detecting pathologies affecting neuromuscular transmission
JOURNAL Patent: WO 2004001069-A 17 31-DEC-2003;
Universite Louis Pasteur de Strasbourg (FR)
COMMENT Location/Qualifiers
1..20
1..20 /organism='synthetic construct'
/mol_type='unassigned DNA'
/db_xref='taxon:32630'
/note='primer'
FEATURES
source
Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 4664 AGATCGGAGCTGTT 4679
Db 4 AGATCGGAGCTGAT 19
RESULT 979
CQ757509 20 bp DNA linear PAT 01-MAR-2004
LOCUS Sequence 20 from Patent WO2003107249.
DEFINITION CQ757509
ACCESSION CQ757509
VERSION CQ757509.1 GI:44847547
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
1
REFERENCE Kotani,H. and Mizunari,S.
Authors Method for predicting a drug transport capability by abcg2
Title polymorphisms
JOURNAL Patent: WO 2003107249-A 20 24-DEC-2003;
BANYU PHARMACEUTICAL CO., LTD. (JP)
COMMENT Location/Qualifiers
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/mol_type='unassigned DNA'
/db_xref='taxon:32630'
/note='Exon 9 reverse primer'
FEATURES
source
Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4851 TGGCTGACCTCTTT 4866
DB 2 TGGCTGACCTCTTT 17

RESULT 980
LOCUS CQ797897/c 20 bp DNA linear PAT 20-APR-2004
DEFINITION Sequence 3 from Patent WO2004029228.
ACCESSION CQ797897
VERSION CQ797897.1 GI:46426393
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Hoshino,T., Ichikawa,K.M. and Nagahashi,Y.G.
TITLE Microorganism and process for preparing vitamin b6
JOURNAL Patent: WO 2004029228-A 3 08-APR-2004;
DSM IP Assets B.V. (NL); Hoshino, Tatsuo (JP)
FEATURES
source
1. .20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer C"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4449 AGATCTCAGCTGCA 4464
DB 18 AGATCTCAGCTGCA 3

RESULT 981
LOCUS CQ798002/c 20 bp DNA linear PAT 20-APR-2004
DEFINITION Sequence 1 from Patent WO2004029271.
ACCESSION CQ798002
VERSION CQ798002.1 GI:46426475
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Hoshino,T., Ichikawa,K.M. and Tazoe,M.5.
TITLE Recombinant microorganism for the production of vitamin b6
JOURNAL Patent: WO 2004029271-A 1 08-APR-2004;
DSM IP Assets B.V. (NL)
FEATURES
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/organism="synthetic construct"
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/note="Primer 1 for amplifying the epd gene"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4449 AGATCTCAGCTGCA 4464
DB 18 AGATCTCAGCTGCA 3

RESULT 982
LOCUS E38339/c 20 bp DNA linear PAT 31-JAN-2002
DEFINITION Process for producing L-methionine by fermentation.
ACCESSION E38339

VERSION E38339.1 GI:18624951
KEYWORDS JP 2000139471-A/12.
SOURCE synthetic construct
ORGANISM
REFERENCE
1 (bases 1 to 20)
AUTHORS Umeta,Y. and Kurahashi,O.
TITLE Process for producing L-methionine by fermentation
JOURNAL Patent: JP 2000139471-A 12 23-MAY-2000;
AJINOMOTO CO INC
COMMENT
OS Artificial Sequence
PN JP 2000139471-A/12
PD 23-MAY-2000
PR 17-NOV-1998 JP 1998326717
PI YOSHIMIRO USUITA,OSAMU KURAHASHI
PC C12N15/09,C12N1/21,C12N9/04,C12N9/10,C12N9/12,C12N9/88, PC
C12P13/12//
PC (C12N15/09,C12R1:19),(C12N1/21,C12R1:19),(C12P13/12,C12R1:19),
PC C12N15/00,
PC (C12N15/00,C12R1:19)
CC
FH
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FT
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/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2255 GCATCTGCGCAAAAAA 2270
DB 20 GCATCTGCGCAAAAAA 5

RESULT 983
LOCUS E40738/c 20 bp DNA linear PAT 31-JAN-2002
DEFINITION Antihuman Fas humanised antibody-containing antirheumatic.
ACCESSION E40738
VERSION E40738.1 GI:18627327
KEYWORDS JP 2000154149-A/109.
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 20)
AUTHORS Serizawa,N., Haruyama,H., Takahashi,W., Nakahara,K. and Yonehara,S.
TITLE Antihuman Fas humanized antibody-containing antirheumatic
JOURNAL Patent: JP 2000154149-A 109 06-JUN-2000;
SANKYO CO LTD
COMMENT
OS Artificial Sequence
PN JP 2000154149-A/109
PD 06-JUN-2000
PR 17-SEP-1999 JP 1999263984
PI NOBUKI SERIZAWA,HIDEYUKI HARUYAMA,WATARU TAKAHASHI, PI KAORI
NAKAHARA,
PI SHIN YONEHARA
PC A61K39/395,A61P29/00,C12N15/09//C07K16/28,C12P21/02,C12N15/00
CC
FH
FT
FT
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Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3301 CTGACCTGCAGCAGA 3316
DB 16 CTGACCTGCAGCAGA 1

RESULT 984
LOCUS 157089 20 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 3 from patent US 5650559.
ACCESSION 157089
VERSION 157089.1 GI:2477524
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Akamatsu,T., Kagami,T., Sato,H. and Shiga,T.
TITLE Male sterile plant species
JOURNAL Patent: US 5650559-A 3 22-JUL-1997;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4465 ACTACTGATCCCTC 4480
DB 4 ACTACTGATCCCTC 19

RESULT 985
LOCUS AR220998 20 bp DNA linear PAT 26-SEP-2002
DEFINITION Sequence 51 from patent US 6426188.
ACCESSION AR220998
VERSION AR220998.1 GI:23327883
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Wyatt,U.
TITLE Antisense modulation of phosphorylase kinase alpha 1 expression
JOURNAL Patent: US 6426188-A 51 30-JUL-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4640 TGGCTGAACACGAG 4655
DB 1 TGGCTGAACATACGAG 16

RESULT 986
LOCUS AR224582/c 20 bp DNA linear PAT 26-SEP-2002
DEFINITION Sequence 41 from patent US 6440738.
ACCESSION AR224582
VERSION AR224582.1 GI:23333422
KEYWORDS

SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Wyatt,J.
TITLE Antisense modulation of casein kinase 2-beta expression
JOURNAL Patent: US 6440738-A 41 27-AUG-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
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Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4873 CAGTTCTTCTCTGC 4888
DB 18 CAGTTCTTCTCTAC 3

RESULT 987
LOCUS AR225902/c 20 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 52 from patent US 6444464.
ACCESSION AR225902
VERSION AR225902.1 GI:27264056
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Wyatt,U.
TITLE Antisense modulation of E2F transcription factor 2 expression
JOURNAL Patent: US 6444464-A 52 03-SEP-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 576 GGAGAGCTGAAGAG 591
DB 16 GCAGAGCTGAAGAG 1

RESULT 988
LOCUS AR225904/c 20 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 54 from patent US 6444464.
ACCESSION AR225904
VERSION AR225904.1 GI:27264058
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Wyatt,U.
TITLE Antisense modulation of E2F transcription factor 2 expression
JOURNAL Patent: US 6444464-A 54 03-SEP-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 578 AGGAGCTGAAGAGTT 593

Db 19 AGGAGCTGAAGAGCT 4

RESULT 989
 AR230867 20 bp DNA linear PAT 20-DEC-2002
 LOCUS Sequence 127 from patent US 6451602.
 DEFINITION AR230867
 ACCESSION AR230867.1 GI:27271654
 VERSION AR230867.1
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE Unclassified.
 AUTHORS Popoff, I. and Cowse, L.M.
 TITLE Antisense modulation of PARP expression
 JOURNAL Patent: US 6451602-A 127 17-SEP-2002;
 FEATURES Location/Qualifiers
 source 1..20
 /organism="unknown"
 /mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
 Best Local Similarity 93.8%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3630 GATCTTCCCAATTGCT 3645
 Db 5 GATCTTCCCAATTGTT 20

RESULT 990
 AR232329 20 bp DNA linear PAT 20-DEC-2002
 LOCUS Sequence 24 from patent US 6455308.
 DEFINITION AR232329
 ACCESSION AR232329
 VERSION AR232329.1 GI:27274321
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE Unclassified.
 AUTHORS Freiler, S.M.
 TITLE Antisense modulation of serum amyloid A4 expression
 JOURNAL Patent: US 6455308-A 24 24-SEP-2002;
 FEATURES Location/Qualifiers
 source 1..20
 /organism="unknown"
 /mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
 Best Local Similarity 93.8%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4030 GTGGCTCTCCAGCGG 4045
 Db 16 GAGGCTCTCCAGCGG 1

RESULT 991
 AR237828 20 bp DNA linear PAT 20-DEC-2002
 LOCUS Sequence 4 from patent US 6465714.
 DEFINITION AR237828
 ACCESSION AR237828
 VERSION AR237828.1 GI:27282650
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE Unclassified.
 AUTHORS Luthman, L.H. and Gall, L.G.J.
 TITLE Congenic animal models of non-insulin dependent diabetes mellitus

JOURNAL Patent: US 6465714-A 4 15-OCT-2002;
 FEATURES Location/Qualifiers
 source 1..20
 /organism="unknown"
 /mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
 Best Local Similarity 93.8%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3214 CGACTGACGTGCTCA 3229
 Db 17 CGACTGTAGCTGTCA 2

RESULT 992
 AR255990 20 bp DNA linear PAT 20-DEC-2002
 LOCUS Sequence 49 from patent US 6482644.
 DEFINITION AR255990
 ACCESSION AR255990
 VERSION AR255990.1 GI:27305249
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE Unclassified.
 AUTHORS Cowse, L.M.
 TITLE Antisense modulation of dual specific phosphatase 8 expression
 JOURNAL Patent: US 6482644-A 49 19-NOV-2002;
 FEATURES Location/Qualifiers
 source 1..20
 /organism="unknown"
 /mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
 Best Local Similarity 93.8%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 674 TGAAGTGGCTCGTA 689
 Db 4 TGAAGTGGCTCGTA 19

RESULT 993
 AR272177 20 bp DNA linear PAT 10-APR-2003
 LOCUS Sequence 247 from patent US 6503756.
 DEFINITION AR272177
 ACCESSION AR272177
 VERSION AR272177.1 GI:29703745
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE Unclassified.
 AUTHORS Freiler, S.M. and Watt, J.
 TITLE Antisense modulation of syntaxin 4 interacting protein expression
 JOURNAL Patent: US 6503756-A 247 07-JAN-2003;
 FEATURES Location/Qualifiers
 source 1..20
 /organism="unknown"
 /mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
 Best Local Similarity 93.8%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2079 GCCCTGGGTCTCTGG 2094
 Db 3 GCCCTGGGTCTCTGG 18

RESULT 994
 AR295874/c

LOCUS AR295874 20 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 7609 from patent US 6537751.
ACCESSION AR295874
VERSION AR295874.1 GI:31683158
KEYWORDS
SOURCE unknown.
ORGANISM unknown.
REFERENCE unclassified.
AUTHORS 1 (bases 1 to 20)
Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
JOURNAL Patent: US 6537751-A 7609 25-MAR-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 96 TCCGACCCGACCTCTT 111
Db 16 TCCGACCCGACCTCTT 1

RESULT 995
AR315475 AR315475 20 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 6012 from patent US 6559294.
ACCESSION AR315475
VERSION AR315475.1 GI:31708901
KEYWORDS
SOURCE unknown.
ORGANISM unknown.
REFERENCE unclassified.
AUTHORS 1 (bases 1 to 20)
Griffith,R., Holselt,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
Sankaran,B. and Fletcher,L.D.
TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 6012 06-MAY-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3712 TCTCAAGGGGACCTGC 3727
Db 1 TCTCAAGGGGACCTGC 16

RESULT 996
AR492683 AR492683 20 bp DNA linear PAT 15-MAY-2004
DEFINITION Sequence 53 from patent US 6716975.
ACCESSION AR492683
VERSION AR492683.1 GI:47262197
KEYWORDS
SOURCE unknown.
ORGANISM unknown.
REFERENCE unclassified.
AUTHORS 1 (bases 1 to 20)
Wyatt,J.
TITLE Antisense modulation of EDG1 expression
JOURNAL Patent: US 6716975-A 53 06-APR-2004;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"

/mol_type="genomic DNA"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4114 GCCAGGGTGCAGCTGC 4129
Db 19 GCCAGGGGAGGACTGC 4

RESULT 997
AX000370 AX000370 20 bp DNA linear PAT 10-MAR-2000
DEFINITION Sequence 2 from Patent WO905313.
ACCESSION AX000370
VERSION AX000370.1 GI:7240783
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE unclassified.
AUTHORS 1 (bases 1 to 20)
Goulmy,E.
TITLE METHOD FOR TYPING OF MINOR HISTOCOMPATIBILITY ANTIGEN HA-1
JOURNAL Patent: WO 905313-A 2 04-FEB-1999;
UNIV LEIDEN (NL); GOULMY ELS (NL)
FEATURES Location/Qualifiers
source 1..20
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3029 GCTGCTCTCTGGAGAC 3044
Db 3 GCTGCTCTCTGGAGAC 18

RESULT 998
AX155565 AX155565 20 bp DNA linear PAT 22-JUN-2001
DEFINITION Sequence 14 from Patent WO0140309.
ACCESSION AX155565
VERSION AX155565.1 GI:14536784
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE artificial sequences.
AUTHORS 1
Devaux,B., Keller,G.A., Koepfen,H. and Lasky,L.A.
TITLE Anti-prostate stem cell antigen (psca) antibody compositions and
methods of use
JOURNAL Patent: WO 0140309-A 14 07-JUN-2001;
Genentech, Inc. (US)
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Sequence is a primer"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2834 AGGCGAGCAGCAGCAG 2849
Db 20 AGGCGAGCAGCAGCAG 5

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RESULT 999
AX294602/c
LOCUS AX294602 20 bp DNA linear PAT 21-NOV-2001
DEFINITION Sequence 6364 from Patent WO0179548.
ACCESSION AX294602
VERSION AX294602.1 GI:17056285
KEYWORDS
SOURCE
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1
AUTHORS Barany,F., Zivvi,M., Gerry,N.P., Pavls,R. and Kliman,R.
TITLE Method of designing addressable array for detection of nucleic acid
JOURNAL sequence differences using ligase detection reaction
PATENT: WO 0179548-A 6364 25-OCT-2001;
CORNELL RESEARCH FOUNDATION, INC. (US)
FEATURES
source
Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5113 CCATCCAGCGCGCAAG 5128
Db 17 CCATCTAGGCGCAAG 2

RESULT 1000
AX298492
LOCUS AX298492 20 bp DNA linear PAT 26-NOV-2001
DEFINITION Sequence 126 from Patent WO0183749.
ACCESSION AX298492
VERSION AX298492.1 GI:17128482
KEYWORDS
SOURCE Mus sp.
ORGANISM Mus sp.
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
TITLE Bachmanov,A.A., Beauchamp,G.K., Chatterjee,A., de Jong,P.J., Li,S.,
L1,X., Ohmen,U.D., Reed,D.R., Ross,D. and Tordoff,M.G.
JOURNAL Gene and sequence variation associated with sensing carbohydrate
compounds and other sweeteners
PATENT: WO 0183749-A 126 08-NOV-2001;
WARNER-LAMBERT COMPANY (US) ; The Monell Chemical Senses Center
(US)
FEATURES
source
Location/Qualifiers
1..20
/organism="Mus sp."
/mol_type="unassigned DNA"
/db_xref="taxon:10095"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2253 GGGCATCTGGCAAAA 2268
Db 1 GGGCATCTGGCAAGA 16

RESULT 1001
AX326957/c
LOCUS AX326957 20 bp DNA linear PAT 07-JAN-2002
DEFINITION Sequence 153 from Patent WO0178894.
ACCESSION AX326957
VERSION AX326957.1 GI:18097668
KEYWORDS

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SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1
AUTHORS Keich,T.
TITLE Novel human gene relating to respiratory diseases, obesity, and
JOURNAL inflammatory bowel disease
PATENT: WO 0178894-A 153 25-OCT-2001;
Genome Therapeutics Corp. (US)
FEATURES
source
Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1388 CCAGAGCCAGAGTCC 1403
Db 18 CCAGATCCAGAGTCC 3

RESULT 1002
AX394069/c
LOCUS AX394069 20 bp DNA linear PAT 23-MAR-2002
DEFINITION Sequence 44 from Patent WO0214366.
ACCESSION AX394069
VERSION AX394069.1 GI:19702019
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1
AUTHORS Groot,P.C., van Bergenhenegouwen,B.J. and van Oosterhout,A.J.
TITLE Genes involved in immune related responses observed with asthma
JOURNAL Patent: WO 0214366-A 44 21-FEB-2002;
Universiteit Utrecht (NL)
FEATURES
source
Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="anti-sense primer Ocs2-G2"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4152 CAGCTTCTCCCTTG 4167
Db 17 CTGCTTCTCCCTTG 2

RESULT 1003
AX404000/c
LOCUS AX404000 20 bp DNA linear PAT 02-SEP-2002
DEFINITION Sequence 14 from Patent EP1195433.
ACCESSION AX404000
VERSION AX404000.1 GI:21437342
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1
AUTHORS Sone,N.
TITLE Respiratory chain enzyme genes of coryneform bacteria
JOURNAL Patent: EP 1195433-A 14 10-APR-2002;
Ajinomoto Co., Inc. (JP)
FEATURES
source
Location/Qualifiers
1..20

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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer for PCR"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 68.4%; Pred. No. 7e+02;
Matches 13; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 4245 CCATCCTGAGGAAGTCACC 4263
DB 19 CCATTCGVARGAARTCRCC 1

RESULT 1004

AX488099 20 bp DNA linear PAT 16-AUG-2002
LOCUS Sequence 5399 from Patent WO02053728.
DEFINITION AX488099
ACCESSION AX488099
VERSION AX488099.1 GI:22322179
KEYWORDS
SOURCE Candida albicans
ORGANISM Candida albicans
Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes;
Saccharomycetales; mitosporic Saccharomycetales; Candida.

REFERENCE 1
AUTHORS Roemer,T., Jiang,B., Boone,C., Bussey,H. and Ohlsen,K.L.
TITLE Gene disruption methodologies for drug target discovery
JOURNAL Patent: WO 02053728-A 5399 11-JUN-2002;
Elcitra Pharmaceuticals, Inc. (US)
FEATURES
source Location/Qualifiers
1.20
/organism="Candida albicans"
/mol_type="unassigned DNA"
/db_xref="taxon:5476"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5177 TGAGCCCCAAATTGG 5192
DB 1 TGTGCCCAAAATTGG 16

RESULT 1005
AX556410/c 20 bp DNA linear PAT 30-NOV-2002
LOCUS Sequence 45 from Patent WO02074992.
DEFINITION AX556410
ACCESSION AX556410
VERSION AX556410.1 GI:25899668
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Greer,adottir,S., Jonsdottir,S. and Reynisdottir,S.T.
TITLE Human stroke gene
JOURNAL Patent: WO 02074992-A 45 26-SEP-2002;
Decode Genetics EHF. (IS)

FEATURES
source Location/Qualifiers
1.20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4721 TCTACGAGCCTGAA 4736
|||||

DB 19 TCTACCGAGCCTGAA 4

RESULT 1006
AX611060 20 bp DNA linear PAT 17-FEB-2003
LOCUS Sequence 2085 from Patent WO02072882.
DEFINITION AX611060
ACCESSION AX611060
VERSION AX611060.1 GI:28406489
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Cullen,P. and Seedorf,U.
TITLE Coronary chip
JOURNAL Patent: WO 02072882-A 2085 19-SEP-2002;
OGHAM GmbH (DE)
FEATURES
source Location/Qualifiers
1.20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3305 ACCTGACGACGACAA 3320
DB 5 ACCTGACGACGACAA 20

RESULT 1007
AX665193 20 bp DNA linear PAT 26-MAR-2003
LOCUS Sequence 30 from Patent EP1275716.
DEFINITION AX665193
ACCESSION AX665193
VERSION AX665193.1 GI:29290317
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Okuda,T., Saito,S., Dorsey,K.W. and Tsuzaki,Y.
TITLE Modified dna molecule, recombinant containing the same thing, and
JOURNAL Patent: EP 1275716-A 30 15-JAN-2003;
Zeon Corporation (JP)
FEATURES
source Location/Qualifiers
1.20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer M11-3"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5008 TAACGACATTCAGG 5023
DB 5 TAACGACGCTCAGG 20

RESULT 1008
AX674975 20 bp DNA linear PAT 27-MAR-2003
LOCUS Sequence 102 from Patent WO03005034.
DEFINITION AX674975
ACCESSION AX674975
VERSION AX674975.1 GI:29333308
KEYWORDS

SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Macdonald,M.L., Zeisler,J.M., Samuels,M., Goldberg,Y.P., Robatillie,J.M. and Hayden,M.R.
TITLE Processes for identifying therapeutic agents useful in treating diseases involving frd4 gene
JOURNAL Patent: WO 03005034-A 102 16-JAN-2003;
Xenon Genetics, Inc. (CA) ; The University of British Columbia (CA)
FEATURES
source 1..20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 146 TCCAGAGACCAGAGA 161
Db 2 TCCAGAGACCAGAGA 17

RESULT 1009
AX708795/c 20 bp DNA linear PAT 04-APR-2003
LOCUS AX708795
DEFINITION Sequence 11 from Patent WO02095071.
ACCESSION AX708795
VERSION AX708795.1 GI:29564522
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Plasterk,R.H.
TITLE Means and methods for identifying genes and proteins involved in the prevention and/or repair of a replication error
JOURNAL Patent: WO 02095071-A 11 28-NOV-2002;
Koninklijke Nederlandse Akademie van Wetenschappen (NL)
FEATURES
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer Y54G11A_A"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1388 CCAGAGCCAGATCC 1403
Db 16 CCAGAGCCAGATCC 1

RESULT 1010
AX708882 20 bp DNA linear PAT 04-APR-2003
LOCUS AX708882/c
DEFINITION Sequence 64 from Patent WO02101045.
ACCESSION AX708882
VERSION AX708882.1 GI:29564612
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Patapoutian,A., Song,C., Ganju,P., Peler,A., McIntyre,P. and Bevan,S.
TITLE Vanilloid receptor-related nucleic acids and polypeptides
JOURNAL Patent: WO 02101045-A 64 19-DEC-2002;

FEATURES
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide primer"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4762 GAACCTGGAGAGAGC 4777
Db 16 GAACCTGGAGAGAGC 1

RESULT 1011
AX750484 20 bp DNA linear PAT 20-JUN-2003
LOCUS AX750484
DEFINITION Sequence 4009 from Patent EP1308459.
ACCESSION AX750484
VERSION AX750484.1 GI:32132902
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Isogai,T., Sugiyama,T., Otsuki,T., Wakamatsu,A., Sato,H., Ishii,S., Yamamoto,J.I., Isono,Y., Hito,Y., Otsuka,K., Nagai,K., Irie,R., Tamechika,I., Seki,N., Yoshikawa,T., Otsuka,M., Nagahari,K. and Masuko,Y.
TITLE Full-length cDNA sequences
JOURNAL Patent: EP 1308459-A 4009 07-MAY-2003;
Helix Research Institute (JP) ; Research Association for Biotechnology (JP)
FEATURES
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="an artificially synthesized primer sequence"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2217 ACCCCAGCTCAGAGAC 2232
Db 18 ACCCCAGCTCAGATAC 3

RESULT 1012
AX798039 20 bp DNA linear PAT 08-OCT-2003
LOCUS AX798039
DEFINITION Sequence 2 from Patent WO03054230.
ACCESSION AX798039
VERSION AX798039.1 GI:37604329
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Hampeon,G.N.
TITLE Detection of disease due to abnormal oestrogen levels
JOURNAL Patent: WO 03054230-A 2 03-JUL-2003;
KING'S COLLEGE LONDON (GB)
FEATURES
source 1..20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 174 AGGACACGAGAACACT 189
DB 1 AGTAACACGAGAACACT 16
|||||

RESULT 1013
BD012400/c 20 bp DNA linear PAT 02-AUG-2002
LOCUS Human genes specifically expressed in fetal cardiac muscle.
DEFINITION BD012400
ACCESSION BD012400.1 GI:22092589
VERSION WO 0109319-A/15.
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Ota,T., Isegaki,T., Nishikawa,T., Hayaishi,K., Saito,K., Yamamoto,J., Ishii,S., Sugiyama,T., Wakamatsu,A., Nagai,K., Otsuki,T., Yamada,Y., Sakurada,K. and Obayashi,M.
Human genes specifically expressed in fetal cardiac muscle
Patent: WO 0109319-A 15 08-FEB-2001;
HELIX RESEARCH INSTITUTE,TOSHIO OTA,TAKAO ISOGAI,TETSUO NISHIKAWA,KOJI HAYASHI,KAOBU SAITO,JUNICHI YAMAMOTO,SHIZUO ISHII,OMOYASU SUGIYAMA, AI WAKAMATSU KEIICHI NAGAI,TETSUJI OTSUKI,YOJI YAMADA,AZUHIRO SAKURADA, MASAYA OBAAYASHI
COMMENT OS Artificial Sequence
PN WO 0109319-A/15
PD 08-FEB-2001
PF 28-JUL-2000 WO 2000JP005065
PR 29-JUL-1999 JP 99P 248036.11-JAN-2000 JP 00P 118776 PR 18-OCT-1999 US 60/159590.17-FEB-2000 US 60/183322 PI TOSHIO OTA,TAKAO ISOGAI,TETSUO NISHIKAWA,KOJI HAYASHI, PI KAOBU SAITO, PI JUNICHI YAMAMOTO,SHIZUO ISHII,TOMOYASU SUGIYAMA, AI WAKAMATSU, PI KEIICHI NAGAI,TETSUJI OTSUKI,YOJI YAMADA,KAZUHIRO SAKURADA, PI MASAYA OBAAYASHI
PC C12N15/12,C12Q1/68,C12P21/02,C07K14/425,A61K38/17,A61P9/10 CC Description of Artificial Sequence: Artificially synthesized sequence
FEATURES
source MASAYA OBAAYASHI
CC Key Location/Qualifiers
1..20 Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4067 TCCAAATGCCCACTT 4082
DB 19 TCCAAATAGCCCACTT 4
|||||

RESULT 1014
BD083406 20 bp DNA linear PAT 27-AUG-2002
LOCUS Human matured/activated dendritic cell expression genes.
DEFINITION BD083406
ACCESSION BD083406.1 GI:22629016
VERSION JP 2001327293-A/327.
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Matsumura,K., Hashimoto,S., Suzuki,T. and Nagai,S.
TITLE Human matured/activated dendritic cell expression genes

JOURNAL Patent: JP 2001327293-A 327 27-NOV-2001;
JAPAN SCIENCE AND TECHNOLOGY CORP
COMMENT OS Artificial Sequence
PN JP 2001327293-A/327
PD 27-NOV-2001
PF 22-MAY-2000 JP 2000150562
PI KOJI MATSUSHIMA,SHINICHI HASHIMOTO,TAKUJI SUZUKI,SHIGENORI PI NAGAI
PC C12N15/09,C07K14/47,C07K16/18//C12P21/02,C12P21/08,C12N15/00 CC Artificial Sequence: Synthesized oligonucleotide FH Key
Location/Qualifiers
FEATURES
source 1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4094 GGATGCTCCTGGAGAA 4109
DB 1 GGATGCCCTGGAGAA 16
|||||

RESULT 1015
BD085692 20 bp DNA linear PAT 27-AUG-2002
LOCUS Novel human delta 3 compositions and therapeutic and diagnostic uses therefor.
DEFINITION BD085692
ACCESSION BD085692.1 GI:22631302
VERSION JP 2001521382-A/4.
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS McCarthy,S.A. and Gearing,D.P.
TITLE Novel human delta 3 compositions and therapeutic and diagnostic uses therefor
JOURNAL Patent: JP 2001521382-A 4 06-NOV-2001;
MILLENNIUM PHARMACEUTICALS INC
COMMENT OS Artificial Sequence
PN JP 2001521382-A/4
PD 06-NOV-2001
PF 06-APR-1998 JP 1998542992
PR 04-APR-1997 US 08/832633.11-JUN-1997 US 08/872855 PI SEAN A MCCARTHY,DAVID P GEARING
PC C12N15/12,C07K14/47,C12N15/62,C07K16/18,A61K38/16 CC Description of artificial sequence: primer
FH Key Location/Qualifiers
1..20 Location/Qualifiers
FT source 1..20
/organism="Artificial Sequence".
Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3960 GGTGGCAGGCGCTCTG 3975
DB 20 GGTGGCAGGCGCTCTG 5
|||||

RESULT 1016
BD090219 20 bp DNA linear PAT 27-AUG-2002
LOCUS A method of arraying genome clone.
DEFINITION

ACCESSION BD090219
VERSION BD090219.1 GI:22635829
KEYWORDS JP 2001321190-A/2463.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
AUTHORS Soeda, E.
TITLE A method of arraying genome clone
JOURNAL Patent: JP 2001321190-A 2463 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECBS
COMMENT OS Artificial Sequence
PN JP 2001321190-A/2463
PD 20-NOV-2001
PP 12-MAR-2001 JP 2001068285
P1 EIICHI SOEDA
PC C12N15/09, C12N15/00, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC
C12N15/00,
CC Description of Artificial Sequence: Synthetic DNA FH Key
FT Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
FEATURES
source
FT Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2562 TGAGGGGAGAGAGAG 2577
DB 5 TGAGGGGAGAGAGAG 20
RESULT 1017
BD091862 20 bp DNA linear PAT 27-AUG-2002
LOCUS Diagnostic method for chronic rheumatism.
DEFINITION BD091862
ACCESSION BD091862
VERSION BD091862.1 GI:22637473
KEYWORDS WO 0075313-A/5.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
AUTHORS Takai, M., Sawada, S., Ishiwata, T., Sasaki, K. and Nishi, T.
TITLE Diagnostic method for chronic rheumatism
JOURNAL Patent: WO 0075313-A 5 14-DEC-2000;
KYOMA HAKKO KOGYO CO LTD, MASAMI TAKEI, SHIGEMASA SAWADA, TETSUYOSHI
ISHIWATA, KATSUTOSHI SASAKI, TATSUNARI NISHI
COMMENT OS Artificial Sequence
PN WO 0075313-A/5
PD 14-DEC-2000
PP 01-JUN-2000 WO 2000P003552
P1 02-JUN-1999 JP 99P 154625
P2 MASAMI TAKEI, SHIGEMASA SAWADA, TETSUYOSHI ISHIWATA, KATSUTOSHI
P3 SASAKI,
P4 TATSUNARI NISHI
P5 C12N15/12, C07K16/18, A61K38/17, A61K45/00, A61K48/00, G01N33/564,
PC G01N33/50,
PP G01N33/15
CC Description of Artificial Sequence: synthetic DNA FH Key
FT Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
FEATURES
source

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2646 GCTGCTGTGCAGCCA 2661
DB 19 GCTGCTGTGCAGCCA 4
RESULT 1018
BD130023 20 bp DNA linear PAT 18-SEP-2002
LOCUS Asthma-associated gene.
DEFINITION BD130023
ACCESSION BD130023
VERSION BD130023.1 GI:23224968
KEYWORDS JP 2002500895-A/313.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Wilson, A.R.B., Buckler, A., Cardon, L., Carey, A.H., Galvin, M.,
Miller, A. and North, M.
TITLE Asthma-associated gene
JOURNAL Patent: JP 2002500895-A 313 15-JAN-2002;
AXYS PHARMACEUTICALS INC
COMMENT OS Unidentified
PN JP 2002500895-A/313
PD 15-JAN-2002
PP 21-JAN-1998 JP 2000528715
P1 ANGELA R BROOKS WILSON, ALAN BUCKLER, LON
CARDON, ALISOUN H CAREY,
P2 MARGARET GALVIN, ANDREW MILLER, MICHAEL NORTH
P3 C12Q1/68, A01K67/027, C07K14/47, C12N15/09, C12N15/00 CC
PC Strandedness: Single;
CC Topology: Linear;
CC Asthma-associated gene
FH Key Location/Qualifiers
FT source 1..20
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FEATURES
source
1..20
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7e+02; 1; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2184 CCTTGCCAGGCTCTC 2199
DB 1 CCTTGCCAGGCTCTC 16
RESULT 1019
BD133506 20 bp DNA linear PAT 18-SEP-2002
LOCUS Respiratory chain enzyme gene of corynebacterium.
DEFINITION BD133506
ACCESSION BD133506
VERSION BD133506.1 GI:23228451
KEYWORDS JP 2002078490-A/7.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
AUTHORS Sone, N.
TITLE Respiratory chain enzyme gene of corynebacterium
JOURNAL Patent: JP 2002078490-A 7 19-MAR-2002;
AJINOMOTO CO INC
COMMENT OS Artificial Sequence
PN JP 2002078490-A/7
PD 19-MAR-2002

PF 06-SEP-2000 JP 2000270283
PI NOBUSHI SONE
PC C12N15/09,C07K14/34,C12N9/04//C12P21/02,(C12N15/09,C12R1:15),
PC (C12N9/04,C12R1:15),(C12P21/02,C12R1:15),C12N15/00,(C12N15/00,
PC C12R1:15)
CC Description of Artificial Sequence: primer for PCR CC n=a or
g or c or t
FH Key Location/Qualifiers
FT misc feature (15).
Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 68.4%; Pred. No. 7e+02; 2; Indels 0; Gaps 0;
Matches 13; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 4245 CCATCCTGAGGAGTCACC 4263
DB 19 CCATNGVARGAARTCRC 1

RESULT 1020
A51172 19 bp DNA linear PAT 10-MAR-1997
LOCUS Sequence 41 from Patent WO9616175.
DEFINITION A51172
ACCESSION A51172 GI:2303943
VERSION A51172.1 GI:2303943
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 19)
AUTHORS Beckmann,J. and Richard,I.
TITLE LgMD gene
JOURNAL Patent: WO 9616175-A 41 30-MAY-1996;
ASS FRANCAISE CONTRE LES MYOPA (FR)
FEATURES Location/Qualifiers
source 1..19
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 623 CCAGAGCTCTTCGGGTGA 641
DB 1 CCAGAGCTCTTCGGGTCA 19

RESULT 1021
A57717/c 19 bp DNA linear PAT 03-MAR-1998
LOCUS Sequence 3 from Patent WO9632489.
DEFINITION A57717
ACCESSION A57717
VERSION A57717.1 GI:3713541
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1
AUTHORS Chen,R., Dotson,B. and Kahn,A.
TITLE GLUCOSE-INDUCIBLE RECOMBINANT VIRAL VECTOR
JOURNAL Patent: WO 9632489-A 3 17-OCT-1996;
INST NAT SANTE RECH MED (FR)
COMMENT Other publication AU 5652396 961030
Other publication FR 2732978 961018.
FEATURES Location/Qualifiers
source 1..19

/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4983 ACAGGGGGCCCGATCCAG 5001
DB 19 ACTGGGGGCCAGATCCAG 1

RESULT 1022
A68209/c 19 bp DNA linear PAT 06-MAY-1999
LOCUS Sequence 4 from Patent WO9747636.
DEFINITION A68209
ACCESSION A68209 GI:4759376
VERSION A68209.1 GI:4759376
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 19)
AUTHORS Collingwood,S.P., Moser,H.E., Altmann,K. and Douglas,M.E.
TITLE INTERMEDIATES FOR OLIGONUCLEOTIDE SYNTHESIS
JOURNAL Patent: WO 9747636-A 4 18-DEC-1997;
CIBA GEIGY AG (CH)
FEATURES Location/Qualifiers
source 1..19
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411
DB 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1023
A76997 19 bp DNA linear PAT 19-OCT-1999
LOCUS Sequence 41 from Patent EP0717110.
DEFINITION A76997
ACCESSION A76997
VERSION A76997.1 GI:6088788
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 19)
AUTHORS Beckmann,J. and Richard,I.
TITLE LgMD GENE
JOURNAL Patent: EP 0717110-A 41 19-JUN-1996;
ASS FRANCAISE CONTRE LES MYOPA (FR)
FEATURES Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 623 CCAGAGCTCTTCGGGTGA 641
DB 1 CCAGAGCTCTTCGGGTCA 19

RESULT 1024
AR027790/c AR027790 19 bp DNA linear PAT 29-SEP-1999
LOCUS Sequence 21 from patent US 5856458.
DEFINITION AR027790
ACCESSION AR027790
VERSION AR027790.1 GI:5938610
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3672 GGAGTACCGGTGGAATC 3690
DB 19 GGTGTACCGATGAACTC 1

RESULT 1025
AR048767/c AR048767 19 bp DNA linear PAT 29-SEP-1999
LOCUS Sequence 1 from patent US 5821354.
DEFINITION AR048767
ACCESSION AR048767
VERSION AR048767.1 GI:5971110
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAA 5411
DB 19 AAAAAATACAAAAGAA 1

RESULT 1026
AR11371/c AR11371 19 bp DNA linear PAT 14-FEB-2001
LOCUS Sequence 1 from patent US 6127124.
DEFINITION AR11371
ACCESSION AR11371
VERSION AR11371.1 GI:12828219
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAA 5411
DB 19 AAAAAATACAAAAGAA 1

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAA 5411
DB 19 AAAAAATACAAAAGAA 1

RESULT 1027
AR11946/c AR11946 19 bp DNA linear PAT 14-FEB-2001
LOCUS Sequence 20 from patent US 6127533.
DEFINITION AR11946
ACCESSION AR11946
VERSION AR11946.1 GI:12828794
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAA 5411
DB 19 AAAAAATACAAAAGAA 1

RESULT 1028
AR11947/c AR11947 19 bp DNA linear PAT 14-FEB-2001
LOCUS Sequence 21 from patent US 6127533.
DEFINITION AR11947
ACCESSION AR11947
VERSION AR11947.1 GI:12828795
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAGAA 5411
DB 19 AAAAAATACAAAAGAA 1

RESULT 1029
AR11948/c AR11948 19 bp DNA linear PAT 14-FEB-2001
LOCUS Sequence 22 from patent US 6127533.
DEFINITION AR11948
ACCESSION AR11948

VERSION AR11948.1 GI:12828796
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE 2'-O-aminooxy-modified oligonucleotides
JOURNAL Patent: US 6127533-A 22 03-OCT-2000;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1030
AR11949/c
LOCUS AR11949 19 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 23 from patent US 6127533.
ACCESSION AR11949
VERSION AR11949.1 GI:12828797
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE 2'-O-aminooxy-modified oligonucleotides
JOURNAL Patent: US 6127533-A 23 03-OCT-2000;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1031
AR11950/c
LOCUS AR11950 19 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 24 from patent US 6127533.
ACCESSION AR11950
VERSION AR11950.1 GI:12828798
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE 2'-O-aminooxy-modified oligonucleotides
JOURNAL Patent: US 6127533-A 24 03-OCT-2000;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1032
AR11951/c
LOCUS AR11951 19 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 25 from patent US 6127533.
ACCESSION AR11951
VERSION AR11951.1 GI:12828799
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE 2'-O-aminooxy-modified oligonucleotides
JOURNAL Patent: US 6127533-A 25 03-OCT-2000;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1033
AR11952/c
LOCUS AR11952 19 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 26 from patent US 6127533.
ACCESSION AR11952
VERSION AR11952.1 GI:12828800
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE 2'-O-aminooxy-modified oligonucleotides
JOURNAL Patent: US 6127533-A 26 03-OCT-2000;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1034
AR11953/c
LOCUS AR11953 19 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 27 from patent US 6127533.
ACCESSION AR11953
VERSION AR11953.1 GI:12828801
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)

AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE 2'-O-aminooxy-modified oligonucleotides
JOURNAL Patent: US 6127533-A 27 03-OCT-2000;
FEATURES Location/Qualifiers
SOURCE 1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411
19 AAAAAAAAAAAAAAAAAAAAA 1
Db

RESULT 1035
AR111957/c 19 bp DNA linear PAT 14-FEB-2001
LOCUS Sequence 31 from patent US 6127533.
DEFINITION AR111957
ACCESSION AR111957 GI:12828805
VERSION AR111957.1
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE 2'-O-aminooxy-modified oligonucleotides
JOURNAL Patent: US 6127533-A 31 03-OCT-2000;
FEATURES Location/Qualifiers
SOURCE 1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411
19 AAAAAAAAAAAAAAAAAAAAA 1
Db

RESULT 1036
AR111959/c 19 bp DNA linear PAT 14-FEB-2001
LOCUS Sequence 33 from patent US 6127533.
DEFINITION AR111959
ACCESSION AR111959 GI:12828807
VERSION AR111959.1
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE 2'-O-aminooxy-modified oligonucleotides
JOURNAL Patent: US 6127533-A 33 03-OCT-2000;
FEATURES Location/Qualifiers
SOURCE 1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411
19 AAAAAAAAAAAAAAAAAAAAA 1
Db

RESULT 1037
AR111960/c 19 bp DNA linear PAT 14-FEB-2001
LOCUS Sequence 34 from patent US 6127533.
DEFINITION AR111960
ACCESSION AR111960
VERSION AR111960.1 GI:12828808
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE 2'-O-aminooxy-modified oligonucleotides
JOURNAL Patent: US 6127533-A 34 03-OCT-2000;
FEATURES Location/Qualifiers
SOURCE 1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411
19 AAAAAAAAAAAAAAAAAAAAA 1
Db

RESULT 1038
AR111970/c 19 bp DNA linear PAT 14-FEB-2001
LOCUS Sequence 44 from patent US 6127533.
DEFINITION AR111970
ACCESSION AR111970
VERSION AR111970.1 GI:12828818
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE 2'-O-aminooxy-modified oligonucleotides
JOURNAL Patent: US 6127533-A 44 03-OCT-2000;
FEATURES Location/Qualifiers
SOURCE 1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411
19 AAAAAAAAAAAAAAAAAAAAA 1
Db

RESULT 1039
AR124843/c 19 bp DNA linear PAT 16-MAY-2001
LOCUS Sequence 20 from patent US 6172209.
DEFINITION AR124843
ACCESSION AR124843
VERSION AR124843.1 GI:14110204
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
TITLE Aminoxy-modified oligonucleotides and methods for making same
JOURNAL Patent: US 6172209-A 20 09-JAN-2001;
FEATURES Location/Qualifiers
SOURCE 1..19
/organism="unknown"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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/mol_type="unassigned DNA"
Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 5393 AAAAAAATCAGAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1040
AR124844/c 19 bp DNA linear PAT 16-MAY-2001
LOCUS AR124844 Sequence 21 from patent US 6172209.
ACCESSION AR124844
VERSION AR124844.1 GI:14110205
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
TITLE Aminoxy-modified oligonucleotides and methods for making same
JOURNAL Patent: US 6172209-A 21 09-JAN-2001;
FEATURES Location/Qualifiers
1..19
source /organism="unknown"
/mol_type="unassigned DNA"

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 5393 AAAAAAATCAGAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1041
AR124845/c 19 bp DNA linear PAT 16-MAY-2001
LOCUS AR124845 Sequence 22 from patent US 6172209.
ACCESSION AR124845
VERSION AR124845.1 GI:14110206
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
TITLE Aminoxy-modified oligonucleotides and methods for making same
JOURNAL Patent: US 6172209-A 22 09-JAN-2001;
FEATURES Location/Qualifiers
1..19
source /organism="unknown"
/mol_type="unassigned DNA"

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 5393 AAAAAAATCAGAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1042
AR124846/c 19 bp DNA linear PAT 16-MAY-2001
LOCUS AR124846 Sequence 23 from patent US 6172209.
ACCESSION AR124846
VERSION AR124846.1 GI:14110207
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KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
TITLE Aminoxy-modified oligonucleotides and methods for making same
JOURNAL Patent: US 6172209-A 23 09-JAN-2001;
FEATURES Location/Qualifiers
1..19
source /organism="unknown"
/mol_type="unassigned DNA"

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 5393 AAAAAAATCAGAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1043
AR124847/c 19 bp DNA linear PAT 16-MAY-2001
LOCUS AR124847 Sequence 24 from patent US 6172209.
ACCESSION AR124847
VERSION AR124847.1 GI:14110208
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
TITLE Aminoxy-modified oligonucleotides and methods for making same
JOURNAL Patent: US 6172209-A 24 09-JAN-2001;
FEATURES Location/Qualifiers
1..19
source /organism="unknown"
/mol_type="unassigned DNA"

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 5393 AAAAAAATCAGAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1044
AR124848/c 19 bp DNA linear PAT 16-MAY-2001
LOCUS AR124848 Sequence 25 from patent US 6172209.
ACCESSION AR124848
VERSION AR124848.1 GI:14110209
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
TITLE Aminoxy-modified oligonucleotides and methods for making same
JOURNAL Patent: US 6172209-A 25 09-JAN-2001;
FEATURES Location/Qualifiers
1..19
source /organism="unknown"
/mol_type="unassigned DNA"

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Qy 5393 AAAAAAAAAACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1045

LOCUS AR124849/c 19 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 26 from patent US 6172209.
ACCESSION AR124849
VERSION AR124849.1 GI:14110210
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
TITLE Aminoxy-modified oligonucleotides and methods for making same
JOURNAL Patent: US 6172209-A 26 09-JAN-2001;
FEATURES Location/Qualifiers
1..19
source /organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No.7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1046

LOCUS AR124850/c 19 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 27 from patent US 6172209.
ACCESSION AR124850
VERSION AR124850.1 GI:14110211
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
TITLE Aminoxy-modified oligonucleotides and methods for making same
JOURNAL Patent: US 6172209-A 27 09-JAN-2001;
FEATURES Location/Qualifiers
1..19
source /organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No.7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1047

LOCUS AR124854/c 19 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 31 from patent US 6172209.
ACCESSION AR124854
VERSION AR124854.1 GI:14110215
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.

TITLE Aminoxy-modified oligonucleotides and methods for making same
JOURNAL Patent: US 6172209-A 31 09-JAN-2001;
FEATURES Location/Qualifiers
1..19
source /organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No.7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1048
LOCUS AR124856/c 19 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 33 from patent US 6172209.
ACCESSION AR124856
VERSION AR124856.1 GI:14110217
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
TITLE Aminoxy-modified oligonucleotides and methods for making same
JOURNAL Patent: US 6172209-A 33 09-JAN-2001;
FEATURES Location/Qualifiers
1..19
source /organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No.7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1049
LOCUS AR124857/c 19 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 34 from patent US 6172209.
ACCESSION AR124857
VERSION AR124857.1 GI:14110218
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
TITLE Aminoxy-modified oligonucleotides and methods for making same
JOURNAL Patent: US 6172209-A 34 09-JAN-2001;
FEATURES Location/Qualifiers
1..19
source /organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No.7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1050

AR124867/c AR124867 19 bp DNA linear PAT 16-MAY-2001
LOCUS Sequence 44 from patent US 6172209.
ACCESSION AR124867
VERSION AR124867.1 GI:14110228
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 19)
AUTHORS Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
TITLE Aminoxy-modified oligonucleotides and methods for making same
JOURNAL Patent: US 6172209-A 44 09-0AN-2001;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred.No.7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1051
AR135291/c AR135291 19 bp DNA linear PAT 16-MAY-2001
LOCUS Sequence 20 from patent US 6194598.
ACCESSION AR135291
VERSION AR135291.1 GI:14124196
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE Aminoxy-modified oligonucleotide synthetic intermediates
JOURNAL Patent: US 6194598-A 20 27-FEB-2001;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred.No.7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1052
AR135292/c AR135292 19 bp DNA linear PAT 16-MAY-2001
LOCUS Sequence 21 from patent US 6194598.
ACCESSION AR135292
VERSION AR135292.1 GI:14124197
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE Aminoxy-modified oligonucleotide synthetic intermediates
JOURNAL Patent: US 6194598-A 21 27-FEB-2001;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred.No.7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1053
AR135293/c AR135293 19 bp DNA linear PAT 16-MAY-2001
LOCUS Sequence 22 from patent US 6194598.
ACCESSION AR135293
VERSION AR135293.1 GI:14124198
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE Aminoxy-modified oligonucleotide synthetic intermediates
JOURNAL Patent: US 6194598-A 22 27-FEB-2001;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred.No.7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1054
AR135294/c AR135294 19 bp DNA linear PAT 16-MAY-2001
LOCUS Sequence 23 from patent US 6194598.
ACCESSION AR135294
VERSION AR135294.1 GI:14124199
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE Aminoxy-modified oligonucleotide synthetic intermediates
JOURNAL Patent: US 6194598-A 23 27-FEB-2001;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred.No.7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1055
AR135295/c AR135295 19 bp DNA linear PAT 16-MAY-2001
LOCUS Sequence 24 from patent US 6194598.
ACCESSION AR135295
VERSION AR135295.1 GI:14124200
KEYWORDS

SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE Aminoxy-modified oligonucleotide synthetic intermediates
JOURNAL Patent: US 6194598-A 24 27-FEB-2001;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1056
LOCUS AR135296/c 19 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 25 from patent US 6194598.
ACCESSION AR135296
VERSION AR135296.1 GI:14124201
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE Aminoxy-modified oligonucleotide synthetic intermediates
JOURNAL Patent: US 6194598-A 25 27-FEB-2001;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1057
LOCUS AR135297/c 19 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 26 from patent US 6194598.
ACCESSION AR135297
VERSION AR135297.1 GI:14124202
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE Aminoxy-modified oligonucleotide synthetic intermediates
JOURNAL Patent: US 6194598-A 26 27-FEB-2001;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1058
LOCUS AR135298/c 19 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 27 from patent US 6194598.
ACCESSION AR135298
VERSION AR135298.1 GI:14124203
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE Aminoxy-modified oligonucleotide synthetic intermediates
JOURNAL Patent: US 6194598-A 27 27-FEB-2001;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1059
LOCUS AR135302/c 19 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 31 from patent US 6194598.
ACCESSION AR135302
VERSION AR135302.1 GI:14124207
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE Aminoxy-modified oligonucleotide synthetic intermediates
JOURNAL Patent: US 6194598-A 31 27-FEB-2001;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1060
LOCUS AR135304/c 19 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 33 from patent US 6194598.
ACCESSION AR135304
VERSION AR135304.1 GI:14124209
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE Aminoxy-modified oligonucleotide synthetic intermediates

JOURNAL Patent: US 6194598-A 33 27-FEB-2001;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAAGAA 5411
DB 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1061
AR135305/c 19 bp DNA linear PAT 16-MAY-2001
LOCUS AR135305/c
DEFINITION Sequence 34 from patent US 6194598.
ACCESSION AR135305
VERSION AR135305.1 GI:14124210
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE Aminoxy-modified oligonucleotide synthetic intermediates
JOURNAL Patent: US 6194598-A 34 27-FEB-2001;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAAGAA 5411
DB 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1062
AR135315/c 19 bp DNA linear PAT 16-MAY-2001
LOCUS AR135315/c
DEFINITION Sequence 44 from patent US 6194598.
ACCESSION AR135315
VERSION AR135315.1 GI:14124220
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
TITLE Aminoxy-modified oligonucleotide synthetic intermediates
JOURNAL Patent: US 6194598-A 44 27-FEB-2001;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAAGAA 5411
DB 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1063
AR137255

LOCUS AR137255 19 bp DNA linear PAT 16-JUN-2001
DEFINITION Sequence 2 from patent US 6197505.
ACCESSION AR137255
VERSION AR137255.1 GI:14478764
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Norberg,L.Tordjorn., Andersson,M.Kristina. and Lindstrom,P.Harry.Rutger.
TITLE Methods for assessing cardiovascular status and compositions for use thereof
JOURNAL Patent: US 6197505-A 2 06-MAR-2001;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1553 CCAGGACGTTGAAGAAC 1571
DB 1 CCAGGACGTTGAAGAAC 19

RESULT 1064
AR141898/c 19 bp DNA linear PAT 08-AUG-2001
LOCUS AR141898/c
DEFINITION Sequence 4 from patent US 6147200.
ACCESSION AR141898
VERSION AR141898.1 GI:15101414
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M., Kawasaki,A.M., Cook,P.Dan., Fraser,A.S. and Prakash,T.P.
TITLE 2'-O-acetamido modified monomers and oligomers
JOURNAL Patent: US 6147200-A 4 14-NOV-2000;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAAGAA 5411
DB 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1065
AR153863/c 19 bp DNA linear PAT 08-AUG-2001
LOCUS AR153863/c
DEFINITION Sequence 16 from patent US 6238624.
ACCESSION AR153863
VERSION AR153863.1 GI:15121916
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Heller,M.J., Tu,E., Evans,G.A. and Sosnowski,R.G.
TITLE Methods for transport in molecular biological analysis and diagnostics
JOURNAL Patent: US 6238624-A 16 29-MAY-2001;
FEATURES Location/Qualifiers


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source 1.19
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAGAA 5411
DB 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1066
AR164173/c 19 bp DNA PAT 17-OCT-2001
LOCUS AR164173
DEFINITION Sequence 6 from patent US 6271358.
ACCESSION AR164173
VERSION AR164173.1 GI:16235162
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M., Mohan,V. and Boswell,H.
TITLE RNA targeted 2'-modified oligonucleotides that are conformationally
JOURNAL preorganized
FEATURES Patent: US 6271358-A 6 07-AUG-2001;
source 1.19
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAGAA 5411
DB 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1067
AR175911/c 19 bp DNA PAT 17-DEC-2001
LOCUS AR175911
DEFINITION Sequence 3 from patent US 6309878.
ACCESSION AR175911
VERSION AR175911.1 GI:17917210
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Chen,R., Dolron,B. and Kahn,A.
TITLE Glucose-inducible recombinant viral vector
JOURNAL Patent: US 6309878-A 3 30-OCT-2001;
FEATURES Location/Qualifiers
source 1.19
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4983 ACAGGGGCGCCAGTCAG 5001
DB 19 ACTGGGGCGCCAGAGTCAG 1

RESULT 1068
BD195367/c 19 bp DNA PAT 17-JUL-2003
LOCUS BD195367/c
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```
DEFINITION IL-9 receptor variants, useful in treating and diagnosing atopic
ACCESSION allergies including asthma and related disorders.
BD195367
VERSION JP 2002514911-A/12.
KEYWORDS JP 2002514911-A/12.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 19)
AUTHORS Levitt,R.C., Grasso,L., Nicolaides,N.C. and Holroyd,K.J.
TITLE IL-9 receptor variants, useful in treating and diagnosing atopic
JOURNAL allergies including asthma and related disorders
COMMENT Patent: JP 2002514911-A 12 21-MAY-2002;
MAGANIN PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2002514911-A/12
PD 21-MAY-2002
PE 02-DEC-1997 JP 1998525737
PR 02-DEC-1996 US 60/032224
PI ROY CLIFFORD LEVITT, LUGI GRASSO, NICHOLAS
C NICOLAIDES, KENNETH
PI J HOLROYD
PC C12N15/12,C07K14/715,C12Q1/68,G01N33/566,G01N33/68,A61K38/17,
PC C12N5/10,
PC C12N15/11
CC Description of Artificial Sequence: synthetic polynucleotide FH
Key Location/Qualifiers
FT source 1.19
/mol_type="genomic DNA"
/db_xref="taxon:32630"

FEATURES
source 1.19
/mol_type="synthetic construct"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4244 TCATCTCTGAGAGATCAG 4262
DB 19 TCATCTCTGAGAGATCAG 1

RESULT 1069
BD196900/c 19 bp DNA PAT 17-JUL-2003
LOCUS BD196900
DEFINITION Prostatic cancer gene.
ACCESSION BD196900
VERSION BD196900.1 GI:33006670
KEYWORDS JP 2002516657-A/489.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 (bases 1 to 19)
AUTHORS Cohen,D., Blumenfeld,M., Chumakov,I. and Bouguetelercet,L.
TITLE Prostatic cancer gene
JOURNAL Patent: JP 2002516657-A 489 11-JUN-2002;
COMMENT OS Homo sapiens (human)
PN JP 2002516657-A/489
PD 11-JUN-2002
PE 22-DEC-1998 JP 2000525562
PR 22-DEC-1997 US 08/996306,09-SEP-1998 US 60/09658 PI
DANIEL COHEN,MARTA BLUMENFELD,ILYA CHUMAKOV,LYDIE BOUGUELERET PC
C12N15/09,C12N15/09,A01K67/027,C07K14/47,C07K16/18,C12N1/15,PC
C12N1/19,
PC C12N1/21,C12N5/10,C12N5/10,C12P21/08,C12Q1/68,G01N33/50 PC
,C12N15/00,C12N5/00,
PC C12N5/00,C12N15/00
CC potential microsequencing oligo for 4-4-187.m182 FH Key
Location/Qualifiers
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Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATCAAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1070
BD226532 19 bp DNA linear PAT 17-JUL-2003
DEFINITION Method and probes for the detection of chromosome aberrations.
ACCESSION BD226532
VERSION BD226532.1 GI:33036302
KEYWORDS JP 2002513587-A/78.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 19)
AUTHORS Dongen,J.J.M.V., Pluzek,K.J., Nielsen,K.V. and Adelhorst,K.
TITLE Method and probes for the detection of chromosome aberrations
JOURNAL Patent: JP 2002513587-A 78 14-MAY-2002;
DAKO AS
OS Artificial Sequence
PN JP 2002513587-A/78
PD 14-MAY-2002
PF 04-MAY-1999 JP 2000547260
PR 04-MAY-1998 DK 0615/98
PI JACOBS JOHANNES MARIA VAN DONGEN,KARL JOHAN PLUZEK,KIRSTEN PI
VANG NIELSEN,
KIM ADELHORST
PC C12N15/09,C07H21/00,C12Q1/68,G01N33/53,G01N33/566,C12N15/00 CC
Description of Artificial Sequence:PNA probe, HER-2, position CC
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FT source 1..19
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1972 TCCAGCAGGAGGATATT 1990
Db 1 TCAAGCAGGAGGAGGATT 19

RESULT 1071
BD231238 19 bp DNA linear PAT 17-JUL-2003
LOCUS BD231238
DEFINITION Genes for assessing cardiovascular status and compositions for use
thereof.
ACCESSION BD231238
VERSION BD231238.1 GI:33041008
KEYWORDS JP 2002527079-A/2.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 19)
AUTHORS Norberg,L.T., Andersson,M.K., Lindstrom,P.H.R. and Jonsson,L.

TITLE Genes for assessing cardiovascular status and compositions for use
thereof
JOURNAL Patent: JP 2002527079-A 2 27-AUG-2002;
PAIRSBAKENSINGU AB
COMMENT Official Sequence
OS Artificial Sequence
PN JP 2002527079-A/2
PD 27-AUG-2002
PF 13-OCT-1999 JP 2000576056
PR 14-OCT-1998 US 60/104286,14-OCT-1998 US 60/104302 PI
LEIF TORBJORN NORBERG,MARIA KRISTINA ANDERSSON,PER HARRY PI
RUTGER LINDSTROM,
PI LENA JONSSON
PC C12Q1/68,C12N15/09//G01N33/53,G01N33/566,C12N15/00 CC Genes
for assessing cardiovascular status
and compositions for
CC use thereof
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1553 CCAGGAGGTGAAGAGC 1571
Db 1 CCAGGAGGTGAAGAAATC 19

RESULT 1072
BD274438 19 bp DNA linear PAT 17-JUL-2003
LOCUS BD274438/C
DEFINITION Oligonucleotides having A-DNA form and B-DNA form conformational
geometry.
ACCESSION BD274438
VERSION BD274438.1 GI:33084206
KEYWORDS JP 2002543215-A/15
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M. and Mohan,V.
TITLE Oligonucleotides having A-DNA form and B-DNA form conformational
geometry.
JOURNAL Patent: JP 2002543215-A 15 17-DEC-2002;
ISIS PHARMACEUTICALS INC
COMMENT Official Sequence
OS Artificial Sequence
PN JP 2002543215-A/15
PD 17-DEC-2002
PF 03-MAY-2000 JP 2000615638
PR 03-MAY-1999 US 09/303586
PI MUTHIAH MANOHARAN,VENKATRAMAN MOHAN
PC C07H21/02,A61K48/00,A61P35/00,A61P35/02,A61P43/00,C12N15/09,
C12N15/00
CC Oligonucleotide
CC 3' - O-MOE linkage
CC 3' - O-MOE linkage
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Location/Qualifiers
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Qy      5393 AAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1

RESULT 1073
BD274439/c      19 bp      DNA      linear      PAT 17-JUL-2003
LOCUS      BD274439/c
DEFINITION      Oligonucleotides having A-DNA form and B-DNA form confirmational
                  geometry.
ACCESSION      BD274439.1 GI:33084207
VERSION      BD274439.1 GI:33084207
KEYWORDS      JP 2002543215-A/16.
SOURCE      synthetic construct
ORGANISM      synthetic construct
              artificial sequences.
REFERENCE      1 (bases 1 to 19)
AUTHORS      Manoharan,M. and Mohan,V.
TITLE      Oligonucleotides having A-DNA form and B-DNA form confirmational
              geometry
JOURNAL      Patent: JP 2002543215-A 16 17-DEC-2002;
COMMENT      ISIS PHARMACEUTICALS INC
              OS Artificial Sequence
              PN JP 2002543215-A/16
              PD 17-DEC-2002
              PF 03-MAY-2000 JP 2000615638
              PR 03-MAY-1999 US 09/303586
              PI MUTHIAH MANOHARAN, VENKATRAMAN MOHAN
              PC C07H21/02,A61K48/00,A61P35/00,A61P43/00,C12N15/09,
              PC C12N15/00
              CC Oligonucleotide
              CC 2' - O-MOR linkage
              CC 2' - O-MOR linkage
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Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5393 AAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1

RESULT 1074
BD274440/c      19 bp      DNA      linear      PAT 17-JUL-2003
LOCUS      BD274440/c
DEFINITION      Oligonucleotides having A-DNA form and B-DNA form confirmational
                  geometry.
ACCESSION      BD274440.1 GI:33084208
VERSION      BD274440.1 GI:33084208
KEYWORDS      JP 2002543215-A/17.
SOURCE      synthetic construct
ORGANISM      synthetic construct
              artificial sequences.
REFERENCE      1 (bases 1 to 19)
AUTHORS      Manoharan,M. and Mohan,V.
TITLE      Oligonucleotides having A-DNA form and B-DNA form confirmational
              geometry
JOURNAL      Patent: JP 2002543215-A 17 17-DEC-2002;

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COMMENT      ISIS PHARMACEUTICALS INC
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              PN JP 2002543215-A/17
              PD 17-DEC-2002
              PF 03-MAY-2000 JP 2000615638
              PR 03-MAY-1999 US 09/303586
              PI MUTHIAH MANOHARAN, VENKATRAMAN MOHAN
              PC C07H21/02,A61K48/00,A61P35/00,A61P43/00,C12N15/09,
              PC C12N15/00
              CC Oligonucleotide
              CC sub O linkage
              CC 3' - O-MOR linkage; sub O linkage
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Query Match      0.3%; Score 14.2; DB 1; Length 19;
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Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5393 AAAAAATACAAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1

RESULT 1075
BD274441/c      19 bp      DNA      linear      PAT 17-JUL-2003
LOCUS      BD274441/c
DEFINITION      Oligonucleotides having A-DNA form and B-DNA form confirmational
                  geometry.
ACCESSION      BD274441.1 GI:33084209
VERSION      BD274441.1 GI:33084209
KEYWORDS      JP 2002543215-A/18.
SOURCE      synthetic construct
ORGANISM      synthetic construct
              artificial sequences.
REFERENCE      1 (bases 1 to 19)
AUTHORS      Manoharan,M. and Mohan,V.
TITLE      Oligonucleotides having A-DNA form and B-DNA form confirmational
              geometry
JOURNAL      Patent: JP 2002543215-A 18 17-DEC-2002;
COMMENT      ISIS PHARMACEUTICALS INC
              OS Artificial Sequence
              PN JP 2002543215-A/18
              PD 17-DEC-2002
              PF 03-MAY-2000 JP 2000615638
              PR 03-MAY-1999 US 09/303586
              PI MUTHIAH MANOHARAN, VENKATRAMAN MOHAN
              PC C07H21/02,A61K48/00,A61P35/00,A61P43/00,C12N15/09,
              PC C12N15/00
              CC Oligonucleotide
              CC sub O linkage
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QY 5393 AAAAAAATCAAAAAGAA 5411
DB 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1076
BD274449/c 19 bp DNA linear PAT 17-JUL-2003
LOCUS
DEFINITION Oligonucleotides having A-DNA form and B-DNA form conformational geometry.
ACCESSION BD274449
VERSION BD274449.1 GI:33084217
KEYWORDS JP 2002543215-A/26.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M. and Mohan,V.
TITLE Oligonucleotides having A-DNA form and B-DNA form conformational geometry
JOURNAL Patent: JP 2002543215-A 26 17-DEC-2002;
COMMENT ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2002543215-A/26
PD 17-DEC-2002
PF 03-MAY-2000 JP 2000615538
PR 03-MAY-1999 US 09/303586
PI MUTHIAH MANOHARAN, VENKATRAMAN MOHAN
PC C07H21/02,A61K48/00,A61P35/00,A61P43/00,C12N15/09,
PC C12N15/00
CC Oligonucleotide
CC 2'-modified T linkage
CC 2'-modified T linkage
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FH Key Location/Qualifiers
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAGAA 5411
DB 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1077
CQ760576/c 19 bp DNA linear PAT 03-MAR-2004
LOCUS
DEFINITION Sequence 18 from Patent WO2004003229.
ACCESSION CQ760576
VERSION CQ760576.1 GI:44904079
KEYWORDS
SOURCE synthetic construct

ORGANISM
synthetic construct
artificial sequences.

REFERENCE
AUTHORS 1
TITLE Nex,B.R., Vogel,U., Rockendauer,E. and Bukowy,Z.K.
JOURNAL Disease risk estimating method using sequence polymorphisms in a specific region of chromosome 19
PATENT: WO 2004003229-A 18 08-JAN-2004;
Aairns University (UK) ; Arbejdsmilj Institutet (National Institute of Occupational Health) (DK)
Location/Qualifiers

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QY 233 ACCCTCACCCCTCCCTGCT 251
DB 19 ACCCTCACCCCTCCCTGCT 1

RESULT 1078
CQ799990/c 19 bp RNA linear PAT 28-APR-2004
LOCUS
DEFINITION Sequence 88 from Patent WO2004030660.
ACCESSION CQ799990
VERSION CQ799990.1 GI:46848937
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Butiheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE
AUTHORS 1
TITLE Gleave,M.E., Rocchi,P. and Signaevsky,M.
JOURNAL Compositions for treatment of prostate and other cancers
PATENT: WO 2004030660-A 88 15-APR-2004;
The University of British Columbia (CA)
Location/Qualifiers

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Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2568 GGAGAGAGATGAGAAC 2586
DB 19 GGAGAGAGGAGAGAAC 1

RESULT 1079
E29828 19 bp DNA linear PAT 18-JUN-2001
LOCUS
DEFINITION Method for discriminating and detecting human coagulation factor V gene polymorphism.
ACCESSION E29828
VERSION E29828.1 GI:13016924
KEYWORDS JP 1999313676-A/75.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 19)
AUTHORS Takashi,F., Shigetoshi,K., Makoto,H. and Keizo,S.
TITLE Method for discriminating and detecting human coagulation factor V gene polymorphism
JOURNAL Patent: JP 1999313676-A 75 16-NOV-1999;
OTSUKA PHARMACEUT CO LTD

COMMENT OS Unidentified
PN JP 1999313676-A/75
PD 16-NOV-1998
PR 30-APR-1998 JP 1999120217
PI TAKASHI FUKUI, SHIGETOSHI KINOSHITA, MAKOTO HASHIZUME, PI
KEIZO SUGIMACHI
PC C12N15/09, C12Q1/68, C12N15/00
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CC Topology: Linear;
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Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5406 AAAGAAAATGAAATTA 5424
DB 1 AATGAAAATGAAATTA 19

RESULT 1080
LOCUS 131170 19 bp DNA linear PAT 06-FEB-1997
DEFINITION Sequence 82 from patent US 5582979.
ACCESSION 131170
VERSION 131170.1 GI:1821961
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Weber, J.L.
TITLE Length polymorphisms in (dc-da).sub.n. (dg-dr).sub.n sequences and method of using the same
JOURNAL Patent: US 5582979-A 82 10-DEC-1996;
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3596 CTCAGGCTAATCTCAACT 3614
DB 19 CGCAGGCTGTCTCAACT 1

RESULT 1081
LOCUS 144034 19 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 8 from patent US 5633436.
ACCESSION 144034
VERSION 144034.1 GI:2469132
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Wandelt, C.I.
TITLE Feedcrops enriched in sulfur amino acids and methods for improvements
JOURNAL Patent: US 5633436-A 8 27-MAY-1997;
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Location/Qualifiers

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Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1122 GGCTCCTGGACCCATGG 1140
DB 19 GGTTCAATGGTACCCATGG 1

RESULT 1082
LOCUS AR205798 19 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 15 from patent US 6369209.
ACCESSION AR205798
VERSION AR205798.1 GI:21503472
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan, M. and Mohan, V.
TITLE Oligonucleotides having A-DNA form and B-DNA form conformational geometry
JOURNAL Patent: US 6369209-A 15 09-APR-2002;
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAA 5411
DB 19 AAAAAATACAAAAAGAA 1

RESULT 1083
LOCUS AR205799 19 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 16 from patent US 6369209.
ACCESSION AR205799
VERSION AR205799.1 GI:21503473
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan, M. and Mohan, V.
TITLE Oligonucleotides having A-DNA form and B-DNA form conformational geometry
JOURNAL Patent: US 6369209-A 16 09-APR-2002;
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
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Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAA 5411
DB 19 AAAAAATACAAAAAGAA 1

RESULT 1084
LOCUS AR205800 19 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 16 from patent US 6369209.
ACCESSION AR205800
VERSION AR205800.1 GI:21503473
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan, M. and Mohan, V.
TITLE Oligonucleotides having A-DNA form and B-DNA form conformational geometry
JOURNAL Patent: US 6369209-A 16 09-APR-2002;
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/mol_type='unassigned DNA'

LOCUS AR205800 19 bp DNA PAT 20-JUN-2002
DEFINITION Sequence 17 from patent US 6369209.
ACCESSION AR205800
VERSION AR205800.1 GI:21503474
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 19)
TITLE Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form and B-DNA form conformational
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JOURNAL Patent: US 6369209-A 17 09-APR-2002;
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Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1085
LOCUS AR205801 19 bp DNA PAT 20-JUN-2002
DEFINITION Sequence 18 from patent US 6369209.
ACCESSION AR205801
VERSION AR205801.1 GI:21503476
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 19)
TITLE Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form and B-DNA form conformational
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JOURNAL Patent: US 6369209-A 18 09-APR-2002;
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
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Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1086
LOCUS AR205809/c 19 bp DNA PAT 20-JUN-2002
DEFINITION Sequence 26 from patent US 6369209.
ACCESSION AR205809
VERSION AR205809.1 GI:21503486
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 19)
TITLE Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form and B-DNA form conformational
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JOURNAL Patent: US 6369209-A 26 09-APR-2002;
FEATURES Location/Qualifiers
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/organism="unknown"
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1087
LOCUS AR213490/c 19 bp DNA PAT 25-SEP-2002
DEFINITION Sequence 1 from patent US 6403779.
ACCESSION AR213490
VERSION AR213490.1 GI:23310721
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 19)
TITLE Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
Prakash,T.P.
Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6403779-A 1 11-JUN-2002;
FEATURES Location/Qualifiers
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1088
LOCUS AR213491/c 19 bp DNA PAT 25-SEP-2002
DEFINITION Sequence 2 from patent US 6403779.
ACCESSION AR213491
VERSION AR213491.1 GI:23310722
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 19)
TITLE Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
Prakash,T.P.
Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6403779-A 2 11-JUN-2002;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATCAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1089
LOCUS AR213492/c 19 bp DNA PAT 25-SEP-2002

DEFINITION Sequence 3 from patent US 6403779.
ACCESSION AR213492
VERSION AR213492.1 GI:23310723
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawaabaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6403779-A 3 11-JUN-2002;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 1090
LOCUS AR213493/c 19 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 4 from patent US 6403779.
ACCESSION AR213493
VERSION AR213493.1 GI:23310724
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawaabaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6403779-A 4 11-JUN-2002;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 1091
LOCUS AR213494/c 19 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 5 from patent US 6403779.
ACCESSION AR213494
VERSION AR213494.1 GI:23310725
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawaabaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6403779-A 5 11-JUN-2002;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"

/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 1092
LOCUS AR213495/c 19 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 6 from patent US 6403779.
ACCESSION AR213495
VERSION AR213495.1 GI:23310726
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawaabaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6403779-A 6 11-JUN-2002;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 1093
LOCUS AR213496/c 19 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 7 from patent US 6403779.
ACCESSION AR213496
VERSION AR213496.1 GI:23310727
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawaabaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6403779-A 7 11-JUN-2002;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 1094
LOCUS AR213497/c 19 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 8 from patent US 6403779.

ACCESSION AR213497
VERSION AR213497.1 GI:23310728
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE
AUTHORS 1 (bases 1 to 19)
Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
Prakash,T.P.
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6403779-A 8 11-JUN-2002;
FEATURES
source Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1095
LOCUS AR213501/c 19 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 12 from patent US 6403779.
ACCESSION AR213501
VERSION AR213501.1 GI:23310732
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
AUTHORS 1 (bases 1 to 19)
Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
Prakash,T.P.
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6403779-A 12 11-JUN-2002;
FEATURES
source Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1096
LOCUS AR213502/c 19 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 14 from patent US 6403779.
ACCESSION AR213502
VERSION AR213502.1 GI:23310733
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
AUTHORS 1 (bases 1 to 19)
Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
Prakash,T.P.
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6403779-A 14 11-JUN-2002;
FEATURES
source Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1097
LOCUS AR213503/c 19 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 15 from patent US 6403779.
ACCESSION AR213503
VERSION AR213503.1 GI:23310734
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
AUTHORS 1 (bases 1 to 19)
Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
Prakash,T.P.
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6403779-A 15 11-JUN-2002;
FEATURES
source Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1098
LOCUS AR213512/c 19 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 25 from patent US 6403779.
ACCESSION AR213512
VERSION AR213512.1 GI:23310743
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
AUTHORS 1 (bases 1 to 19)
Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
Prakash,T.P.
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6403779-A 25 11-JUN-2002;
FEATURES
source Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAAAAACAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1099
LOCUS AR222465 19 bp DNA linear PAT 26-SEP-2002
DEFINITION Sequence 25 from patent US 6429300.
ACCESSION AR222465

VERSION AR222465.1 GI:23329996
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Kurz,M., Lohse,P. and Wagner,R.
TITLE Peptide acceptor ligation methods
JOURNAL Patent: US 6429300-A 25-06-AUG-2002;
FEATURES
source Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAA 5411
Db 1 AAAAAAAAAAAAAAAAAAAAA 19

RESULT 1100
AR237463/c 19 bp DNA linear PAT 20-DEC-2002
LOCUS AR237463
DEFINITION Sequence 1 from patent US 6465628.
ACCESSION AR237463
VERSION AR237463.1 GI:27282213
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Ravikumar,V.T., Manoharan,M., Capaldi,D.C., Krotez,A., Cole,D.L. and Guzaev,A.
TITLE Process for the synthesis of oligomeric compounds
JOURNAL Patent: US 6465628-A 15-OCT-2002;
FEATURES
source Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1101
AR241724/c 19 bp DNA linear PAT 20-DEC-2002
LOCUS AR241724
DEFINITION Sequence 12 from patent US 6472154.
ACCESSION AR241724
VERSION AR241724.1 GI:27287536
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Garner,H.R., Wren,J.D., Minna,J.D. and Fondon,J.W. III.
TITLE Polymorphic repeats in human genes
JOURNAL Patent: US 6472154-A 12-29-OCT-2002;
FEATURES
source Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1182 AGAAGAGAGAGAGAA 1200
Db 19 AAAAAAAAAAGAAAGAA 1

RESULT 1102
AR292900/c 19 bp DNA linear PAT 12-JUN-2003
LOCUS AR292900
DEFINITION Sequence 4635 from patent US 6537751.
ACCESSION AR292900
VERSION AR292900.1 GI:31680184
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density disequilibrium map of the human genome
JOURNAL Patent: US 6537751-A 4635-25-MAR-2003;
FEATURES
source Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1189 GAGAGAGAGAAATCAGAGA 1207
Db 19 GATGAGCGAATGAGAGA 1

RESULT 1103
AR295279/c 19 bp DNA linear PAT 12-JUN-2003
LOCUS AR295279
DEFINITION Sequence 7014 from patent US 6537751.
ACCESSION AR295279
VERSION AR295279.1 GI:31682563
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density disequilibrium map of the human genome
JOURNAL Patent: US 6537751-A 7014-25-MAR-2003;
FEATURES
source Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4863 CTTTGCTCAGTTTCTT 4881
Db 19 CTTTCTCTCTCTTCTT 1

RESULT 1104
AR298507/c 19 bp DNA linear PAT 12-JUN-2003
LOCUS AR298507
DEFINITION Sequence 10242 from patent US 6537751.
ACCESSION AR298507
VERSION AR298507.1 GI:31685791
KEYWORDS
SOURCE Unknown.

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ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density
JOURNAL disequilibrium map of the human genome
FEATURES Patent: US 6537751-A 10242 25-MAR-2003;
source Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2318 CCATCATCTCCACCTTCTT 2336
Db 19 CCATTCTCTACTTCTT 1

RESULT 1105
AR299941/c 19 bp DNA linear PAT 12-JUN-2003
LOCUS AR299941
DEFINITION Sequence 11676 from patent US 6537751.
ACCESSION AR299941
VERSION AR299941.1 GI:31687225
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density
JOURNAL disequilibrium map of the human genome
FEATURES Patent: US 6537751-A 11676 25-MAR-2003;
source Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3039 GGAGACCTCGCGTTGGCT 3057
Db 19 GGACACACTGCTGTGGCT 1

RESULT 1106
AR321589/c 19 bp DNA linear PAT 17-AUG-2003
LOCUS AR321589
DEFINITION Sequence 10 from patent US 6562960.
ACCESSION AR321589
VERSION AR321589.1 GI:33706818
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Baxter,A.D., Collingwood,S.P., Douglas,M.E. and Taylor,R.J.
TITLE Oligonucleotide analogues
JOURNAL Patent: US 6562960-A 10 13-MAY-2003;
FEATURES Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Qy 5393 AAAAAATTCAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1107
AR359804/c 19 bp DNA linear PAT 17-AUG-2003
LOCUS AR359804
DEFINITION Sequence 3 from patent US 6593466.
ACCESSION AR359804
VERSION AR359804.1 GI:33766602
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M., Cook,P.D., Prakash,T.P. and Mohan,V.
TITLE Guanidinium functionalized nucleotides and precursors thereof
JOURNAL Patent: US 6593466-A 3 15-JUL-2003;
FEATURES Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATTCAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1108
AR359805/c 19 bp DNA linear PAT 17-AUG-2003
LOCUS AR359805
DEFINITION Sequence 4 from patent US 6593466.
ACCESSION AR359805
VERSION AR359805.1 GI:33766603
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M., Cook,P.D., Prakash,T.P. and Mohan,V.
TITLE Guanidinium functionalized nucleotides and precursors thereof
JOURNAL Patent: US 6593466-A 4 15-JUL-2003;
FEATURES Location/Qualifiers
1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATTCAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1109
AR359806/c 19 bp DNA linear PAT 17-AUG-2003
LOCUS AR359806
DEFINITION Sequence 5 from patent US 6593466.
ACCESSION AR359806
VERSION AR359806.1 GI:33766604
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M., Cook,P.D., Prakash,T.P. and Mohan,V.
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TITLE Guanidinium functionalized nucleotides and precursors thereof
JOURNAL Patent: US 6593466-A 5 15-JUL-2003;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAA 5411
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19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1110

AR367447/c 19 bp DNA linear PAT 18-SEP-2003
LOCUS AR367447
DEFINITION Sequence 4 from patent US 6329519.
ACCESSION AR367447
VERSION AR367447.1 GI:34600659
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Collingwood,S.P., Moser,H.E., Altmann,K.-H. and Douglas,M.E.
TITLE Intermediates for oligonucleotide synthesis
JOURNAL Patent: US 6329519-A 4 11-DEC-2001;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAA 5411
|||||
19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1111

AR373577/c 19 bp DNA linear PAT 18-DEC-2003
LOCUS AR373577
DEFINITION Sequence 12 from patent US 6602850.
ACCESSION AR373577
VERSION AR373577.1 GI:40075706
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Levitt,R.C., Grasso,L., Nicolaides,N.C. and Holroyd,K.J.
TITLE Method of treating asthma using soluble IL-9 receptor variants
JOURNAL Patent: US 6602850-A 12 05-AUG-2003;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4244 TCCATCCTGAGAGTCAC 4262
|||||
19 TCAATCTGGGAACTCAC 1

RESULT 1112

AR393850/c 19 bp DNA linear PAT 18-DEC-2003
LOCUS AR393850
DEFINITION Sequence 39 from patent US 6617137.
ACCESSION AR393850
VERSION AR393850.1 GI:40120936
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Dean,F.B. and Laeken,R.S.
TITLE Method of amplifying whole genomes without subjecting the genome to denaturing conditions
JOURNAL Patent: US 6617137-A 39 09-SEP-2003;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1123 GCTCCTGGAGCCCAATGCG 1141
|||||
19 GCTCCTGGAGCTCAATGTC 1

RESULT 1113

AR399177/c 19 bp DNA linear PAT 18-DEC-2003
LOCUS AR399177
DEFINITION Sequence 17 from patent US 6617442.
ACCESSION AR399177
VERSION AR399177.1 GI:40137667
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Crooke,S.T., Lima,W.F., Wu,H. and Monoharan,M.
TITLE Human RNase H1 and oligonucleotide compositions thereof
JOURNAL Patent: US 6617442-A 17 09-SEP-2003;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATACAAAAAGAA 5411
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19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1114

AR399178/c 19 bp DNA linear PAT 18-DEC-2003
LOCUS AR399178
DEFINITION Sequence 18 from patent US 6617442.
ACCESSION AR399178
VERSION AR399178.1 GI:40137669
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Crooke,S.T., Lima,W.F., Wu,H. and Monoharan,M.
TITLE Human RNase H1 and oligonucleotide compositions thereof
JOURNAL Patent: US 6617442-A 18 09-SEP-2003;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411
DB 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1115
AR403601/c 19 bp DNA linear PAT 18-DEC-2003
LOCUS AR403601 Sequence 1 from patent US 6624294.
ACCESSION AR403601
VERSION AR403601.1 GI:40151187
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
Prakash,T.P.
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6624294-A 1 23-SEP-2003;
FEATURES
source 1..19
/mol_type="genomic DNA"

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411
DB 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1116
AR403602/c 19 bp DNA linear PAT 18-DEC-2003
LOCUS AR403602 Sequence 2 from patent US 6624294.
ACCESSION AR403602
VERSION AR403602.1 GI:40151188
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
Prakash,T.P.
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6624294-A 2 23-SEP-2003;
FEATURES
source 1..19
/mol_type="genomic DNA"

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411
DB 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1117
AR403603/c 19 bp DNA linear PAT 18-DEC-2003
LOCUS AR403603 Sequence 3 from patent US 6624294.
DEFINITION
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ACCESSION AR403603
VERSION AR403603.1 GI:40151189
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
Prakash,T.P.
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6624294-A 3 23-SEP-2003;
FEATURES
source 1..19
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Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411
DB 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1118
AR403604/c 19 bp DNA linear PAT 18-DEC-2003
LOCUS AR403604 Sequence 4 from patent US 6624294.
ACCESSION AR403604
VERSION AR403604.1 GI:40151190
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
Prakash,T.P.
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6624294-A 4 23-SEP-2003;
FEATURES
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Query Match
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Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAAATACAAAAAGAA 5411
DB 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1119
AR403605/c 19 bp DNA linear PAT 18-DEC-2003
LOCUS AR403605 Sequence 5 from patent US 6624294.
ACCESSION AR403605
VERSION AR403605.1 GI:40151191
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
Prakash,T.P.
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6624294-A 5 23-SEP-2003;
FEATURES
source 1..19
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1120
LOCUS AR403606 19 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 6 from patent US 6624294.
ACCESSION AR403606
VERSION AR403606.1 GI:40151192
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
Prakash,T.P.
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6624294-A 6 23-SEP-2003;
FEATURES Location/Qualifiers
source 1..19
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1121
LOCUS AR403607 19 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 7 from patent US 6624294.
ACCESSION AR403607
VERSION AR403607.1 GI:40151193
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
Prakash,T.P.
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6624294-A 7 23-SEP-2003;
FEATURES Location/Qualifiers
source 1..19
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/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1122
LOCUS AR403608 19 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 8 from patent US 6624294.
ACCESSION AR403608

VERSION AR403608.1 GI:40151194
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
Prakash,T.P.
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6624294-A 8 23-SEP-2003;
FEATURES Location/Qualifiers
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/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1123
LOCUS AR403612 19 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 12 from patent US 6624294.
ACCESSION AR403612
VERSION AR403612.1 GI:40151198
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
Prakash,T.P.
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6624294-A 12 23-SEP-2003;
FEATURES Location/Qualifiers
source 1..19
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAAAAACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 1124
LOCUS AR403613 19 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 14 from patent US 6624294.
ACCESSION AR403613
VERSION AR403613.1 GI:40151199
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
Prakash,T.P.
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6624294-A 14 23-SEP-2003;
FEATURES Location/Qualifiers
source 1..19
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1125
LOCUS AR403614 19 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 15 from patent US 6624294.
ACCESSION AR403614
VERSION AR403614.1 GI:40151200
KEYWORDS
SOURCE .
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and Prakash,T.P.
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6624294-A 15 23-SEP-2003;
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source Location/Qualifiers
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/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1126
LOCUS AR403623 19 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 25 from patent US 6624294.
ACCESSION AR403623
VERSION AR403623.1 GI:40151209
KEYWORDS
SOURCE .
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and Prakash,T.P.
TITLE Regioselective synthesis of 2'-O-modified nucleosides
JOURNAL Patent: US 6624294-A 25 23-SEP-2003;
FEATURES
source Location/Qualifiers
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1127
LOCUS AR412338 19 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 1 from patent US 6639061.
ACCESSION AR412338
VERSION AR412338.1 GI:40167448

KEYWORDS .
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Cook,P.D., Manoharan,M., Maier,M. and An,H.
TITLE C3'-methylene hydrogen phosphate oligomers and related compounds
JOURNAL Patent: US 6639061-A 1 28-OCT-2003;
FEATURES
source Location/Qualifiers
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/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1128
LOCUS AR432616 19 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 6 from patent US 6653458.
ACCESSION AR432616
VERSION AR432616.1 GI:40195149
KEYWORDS
SOURCE .
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M., Cook,P.D. and Guinasso,C.J.
TITLE Modified oligonucleotides
JOURNAL Patent: US 6653458-A 6 25-NOV-2003;
FEATURES
source Location/Qualifiers
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/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAATACAAAAAGAA 5411
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 1129
LOCUS AR451262 19 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 5 from patent US 6673912.
ACCESSION AR451262
VERSION AR451262.1 GI:42682240
KEYWORDS
SOURCE .
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS Manoharan,M. and Cook,P.D.
TITLE 2'-aminoethyl-oxymethyl-modified oligonucleotides
JOURNAL Patent: US 6673912-A 5 06-JAN-2004;
FEATURES
source Location/Qualifiers
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/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY      5393 AAAAAAAAAACAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1

RESULT 1130
LOCUS   AR451282 19 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 26 from patent US 6673912.
ACCESSION AR451282
VERSION  AR451282.1 GI:42682260
KEYWORDS
SOURCE   Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS  Manoharan,M. and Cook,P.D.
TITLE    2'-O-aminoethyloxyethyl-modified oligonucleotides
JOURNAL  Patent: US 6673912-A 26 06-JAN-2004;
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        /mol_type="genomic DNA"

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAAAAAACAAAAGAA 5411
Db      19 AAAAAAAAAAAAAAAAAA 1

RESULT 1131
LOCUS   AR451483 19 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 128 from patent US 6673917.
ACCESSION AR451483
VERSION  AR451483.1 GI:42682508
KEYWORDS
SOURCE   Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 19)
AUTHORS  Kornbluk,R.G., Lacasse,E., Baird,S., Holcik,M. and Young,S.
TITLE    Antisense IAP nucleic acids and uses thereof
JOURNAL  Patent: US 6673917-A 128 06-JAN-2004;
FEATURES
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        /organism="unknown"
        /mol_type="genomic DNA"

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      564 GTTCCTGAAGAGGAGGAG 582
Db      1 GTTACTGAGAGGAGGAGAAAG 19

RESULT 1132
LOCUS   AX035960 19 bp DNA linear PAT 15-NOV-2000
DEFINITION Sequence 21 from Patent EP1035207.
ACCESSION AX035960
VERSION  AX035960.1 GI:11191499
KEYWORDS
SOURCE   Synthetic construct
ORGANISM Synthetic construct
REFERENCE 1
AUTHORS  Marguardt,A. and Weber,B.H.

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TITLE      Cdna molecules of the members of gene family encoding human fatty
JOURNAL    acid desaturases and their use in diagnosis and therapy
PATENT     EP 1035207-A 21 13-SEP-2000;
MULTIGENE  BIOTECH GENE (DB)
FEATURES
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        /mol_type="unassigned DNA"
        /db_xref="taxon:32630"
        /note="Description of Artificial Sequence: Primer"

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4104 GGAGAACCCAGCCAGGCTG 4122
Db      1 GAAGAACCCAGCCAGGATG 19

RESULT 1133
LOCUS   AX037377 19 bp DNA linear PAT 16-NOV-2000
DEFINITION Sequence 2 from Patent WO0056922.
ACCESSION AX037377
VERSION  AX037377.1 GI:11226802
KEYWORDS
SOURCE   Synthetic construct
ORGANISM Synthetic construct
REFERENCE 1
AUTHORS  Norberg,L.T., Olaisson,E., Jonsson,L., Lindstrom,P.H. and
        Sanders,R.
TITLE    Genetic polymorphism and polymorphic pattern for assessing disease
        status, and compositions for use thereof
        Patent: WO 0056922-A 2 28-SEP-2000;
        NORBERG LEIF TORBJORN (SE) ; OLAISSON ERIK (SE) ; JONSSON LENA (SE)
        ; GEMINI GENOMICS AB (SE) ; LINDSTROM PER HARRY RUTGER (SE) ;
        SANDERS RHANNOON (SE)
FEATURES
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        /db_xref="taxon:32630"
        /note="Oligonucleotide primer"

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1553 CCAGGACGGTGAAAGAACG 1571
Db      1 CCAGGACGGTGAAAGAAATC 19

RESULT 1134
LOCUS   AX129578 19 bp DNA linear PAT 15-MAY-2001
DEFINITION Sequence 796 from Patent WO0130362.
ACCESSION AX129578
VERSION  AX129578.1 GI:14135883
KEYWORDS
SOURCE   Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS  Bukaryota; Metazoa; Chordata; Craniata; Euteleostomi;
        Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
        Robbins,J.M. and Trletz,R.
TITLE    Ribozyme therapy for the treatment of proliferative skin and eye
        diseases
        Patent: WO 0130362-A 796 03-MAY-2001;
        IMMUSOL, INC. (US)
FEATURES
    Location/Qualifiers

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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="CDK7 ribozyme binding site"

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2259 CTGGCAAAAAGACCCCT 2277
19 CTGGCAAAAAGACCCCT 1

RESULT 1135
AX164517/c 19 bp DNA linear PAT 22-JUN-2001
LOCUS AX164517
DEFINITION Sequence 347 from Patent WO0138564.
ACCESSION AX164517
VERSION AX164517.1 GI:14545451
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
1 Rouleau,G.A., Iafroniere,R.G., Rochefort,D., Cossette,P. and
Ragdale,D.
Locl for idiopathic generalized epilepsy, mutations thereof and
method using same to assess, diagnose, prognoze or treat epilepsy
Patent: WO 0138564-A 347 31-MAY-2001;
McGill University (CA)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic oligonucleotide"

FEATURES
source

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3954 CTGATGTGGCAGGCGCT 3972
19 CAGGATGTGCCAGGCGCTT 1

RESULT 1136
AX229742 19 bp DNA linear PAT 11-SEP-2001
LOCUS AX229742
DEFINITION Sequence 12 from Patent WO0162964.
ACCESSION AX229742
VERSION AX229742.1 GI:15591954
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
1 Winey,S.U., Haldar,N., Wojnarowska,F.U. and Welsh,K.N.
A genetic determinant for malignant melanoma
Patent: WO 0162964-A 12 30-AUG-2001;
Isis Innovation Limited (GB)
Location/Qualifiers
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/note="Primer XPD exon 6 consensus"

FEATURES
source

Query Match
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Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Qy 4812 AAGTATCAACACCCCT 4830
1 AAGTATGGGACACACCCCT 19

RESULT 1137
AX268098 19 bp DNA linear PAT 26-OCT-2001
LOCUS AX268098
DEFINITION Sequence 8 from Patent WO0164736.
ACCESSION AX268098
VERSION AX268098.1 GI:16516606
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
1 Crisanti-Jassiaz,P.
Novel compounds useful for controlling cell proliferation and/or
differentiation, and biological applications thereof
Patent: WO 0164736-A 8 07-SEP-2001;
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)
(FR)
Location/Qualifiers
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/db_xref="taxon:32630"
/note="PCR primer"

FEATURES
source

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1621 TTCAGCTGCGAGAGCTG 1639
1 TTCAGCTGCTGGAGACTGG 19

RESULT 1138
AX349249/c 19 bp DNA linear PAT 06-FEB-2002
LOCUS AX349249
DEFINITION Sequence 33 from Patent WO0202810.
ACCESSION AX349249
VERSION AX349249.1 GI:18615281
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
1 Bickel,R., Ehrlich,T., Ellinger,T., Ermantraut,E., Kaiser,T.,
Schulz,T. and Warner,G.
Method for qualitative and/or quantitative detecting of molecular
interactions on probe arrays
Patent: WO 0202810-A 33 10-JAN-2002;
Clontech Chip Technologies GmbH (DE)
Location/Qualifiers
1..19
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide"

FEATURES
source

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5393 AAAAAAATACAAAAAGAA 5411
19 AAAAAAATACAAAAAGAA 1

RESULT 1139
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AX378428 AX378428 19 bp DNA linear PAT 18-MAR-2002
LOCUS
DEFINITION Sequence 217 from Patent WO0206525.
ACCESSION AX378428
VERSION AX378428.1 GI:19574281
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Cohen, D., Blumenfeld, M., Chumakov, I., Abdeerahim, H. and Bihain, B.
Obesity associated biallelic marker maps
Patent: WO 0206525-A 217 24-JAN-2002;
JOURNAL GENSET (FR)
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1.19
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
1.19
/note="upstream amplification primer 99-27001 for SEQ 46"
primer_bind
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2122 ATGACGGAGGAGGAAAAC 2140
Db 1 ATGAGCGAAGGAAATAC 19
RESULT 1140
AX412028 19 bp DNA linear PAT 14-JUN-2002
LOCUS
DEFINITION Sequence 128 from Patent WO0226968.
ACCESSION AX412028
VERSION AX412028.1 GI:21444493
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 Korneluk, R.G., Lacasse, E., Baird, S., Holcik, M. and Young, S.
Antisense lap nucleic acids and uses thereof
Patent: WO 0226968-A 128 04-APR-2002;
JOURNAL University of Ottawa (CA) ; Aegera Therapeutics Inc. (CA)
FEATURES
source
1.19
Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
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Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 564 GTTCTGAGAGAGAGAG 582
Db 1 GTTACTGAGAGAGAGAG 19
RESULT 1141
AX544272 19 bp DNA linear PAT 23-NOV-2002
LOCUS
DEFINITION Sequence 96 from Patent WO0244426.
ACCESSION AX544272
VERSION AX544272.1 GI:25277845
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE
1 Nunez, G., Inohara, N., Ogura, Y., Cho, J., Nicolae, D.L. and Bonen, D.
Nod2 nucleic acids and proteins
Patent: WO 0244426-A 96 06-JUN-2002;
JOURNAL THE REGENTS OF THE UNIVERSITY OF MICHIGAN (US) ; The University of
Chicago (US)
FEATURES
source
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Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic"
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1611 TGTCTTCTACTTCAGCTGC 1629
Db 19 TGTCTTCCATTCAGCTGC 1
RESULT 1142
AX713059 19 bp DNA linear PAT 11-APR-2003
LOCUS
DEFINITION Sequence 4 from Patent WO03018631.
ACCESSION AX713059
VERSION AX713059.1 GI:29823661
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
1 Barske, C., Frenz, S., Kaupmann, K., Mir, A.K. and Sommer, B.J.
Nogo receptor homologues and their use
Patent: WO 03018631-A 4 06-MAR-2003;
JOURNAL Novartis AG (CH) ; Novartis-Erfindungen Verwaltungsgesellschaft
m.b.H. (AT)
FEATURES
source
1.19
Location/Qualifiers
/organism="synthetic construct"
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/db_xref="taxon:32630"
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/note="Primer 2"
primer_bind
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 868 GTGCTGAGCGCCTGGATCC 886
Db 1 GTGCTGAGCGCCTGGATCC 19
RESULT 1143
AX938382 19 bp DNA linear PAT 06-JAN-2004
LOCUS
DEFINITION Sequence 12 from Patent EP1359158.
ACCESSION AX938382
VERSION AX938382.1 GI:40713971
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Kaiser, S., Plath, T., Hinzmann, B. and Rosenthal, A.
TTP-p8 splice variants and regulatory RNA
Patent: EP 1359158-A 12 05-NOV-2003;
JOURNAL metagen Pharmaceuticals GmbH (DE)
FEATURES
source
1.19
Location/Qualifiers

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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1803 TCTGCACGTGAGCCAGCA 1821
      ||||| ||||| ||||| |||||
      19 TCTGTGATGAGCCAGCA 1

RESULT 1144
BD075129      19 bp      DNA      linear      PAT 27-AUG-2002
LOCUS      BD075129
DEFINITION      Methods for assessing cardiovascular status and compositions for
use thereof.
ACCESSION      BD075129
VERSION      BD075129.1 GI:22620732
KEYWORDS      JP 2001519660-A/2.
SOURCE      synthetic construct
ORGANISM      artificial construct.
REFERENCE      1 (bases 1 to 19)
AUTHORS      Norberg,L.T., Andersson,M.K. and Lindstrom,P.H.R.
TITLE      Methods for assessing cardiovascular status and compositions for
use thereof
JOURNAL      Patent: JP 2001519660-A 2 23-OCT-2001;
COMMENT      EURONA MEDICAL AB
OS      Artificial Sequence
PN      JP 2001519660-A/2
PD      23-OCT-2001
PR      01-APR-1998 JP 1998542530
PR      04-APR-1997 US 60/042930
PI      LEIF TORBJORN NORBERG,MARIA KRISTINA ANDERSSON,PER HARRY PI
RUTGER LINDSTROM
PC      C12Q1/68,C07K14/72,C07K14/575,C12N9/48
CC      Description of Artificial Sequence: PCR PRIMER FH Key
Location/Qualifiers
FT      source      1..19
FEATURES
source      Location/Qualifiers
1..19
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1553 CCAGCGAGGTGAAGGAGC 1571
      ||||| ||||| ||||| |||||
      1 CAGGAGGTGAAGGAGATC 19

RESULT 1145
BD087505      19 bp      DNA      linear      PAT 27-AUG-2002
LOCUS      BD087505/c
DEFINITION      Self-assembling microelectronic integration system capable of
designating self address, compartment device, mechanism, method and
operation for molecular biological analysis and diagnosis.
ACCESSION      BD087505
VERSION      BD087505.1 GI:22633115
KEYWORDS      JP 2001525193-A/16.
SOURCE      synthetic construct
ORGANISM      synthetic construct
artificial sequences.
REFERENCE      1 (bases 1 to 19)
AUTHORS      Sosnowski,R.G., Butler,W.F., Tu,E., Nerenberg,M.I., Heller,M.J. and
Edman,C.F.
TITLE      Self-assembling microelectronic integration system capable of
```

```
designating self address, compartment device, mechanism, method and
operation for molecular biological analysis and diagnosis
Patent: JP 2001525193-A 16 11-DEC-2001;
JOURNAL      NANOGEN INC
COMMENT      OS      Artificial Sequence
PN      JP 2001525193-A/16
PD      11-DEC-2001
PR      01-DEC-1998 JP 2000524303
PR      05-DEC-1997 US 08/986065
PI      RONALD G SOSNOWSKI,WILLIAM F BUTLER,EUGENE TU,MICHAEL I PI
NERENBERG,
PI      MICHAEL J HELLER,CARL F EDMAN
PC      C12Q1/68,C12N15/09,C12N15/00
CC      Description of Artificial Sequence: Amine
conjugate to provide
CC      reactivity
CC      with dyes
FH      Key      Location/Qualifiers
FT      source      1..19
FEATURES
source      Location/Qualifiers
1..19
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5393 AAAAAATTCAAAAAGAA 5411
      ||||| ||||| ||||| |||||
      19 AAAAAAAAAAAAAAAAAA 1

RESULT 1146
BD089801/c
LOCUS      BD089801      19 bp      DNA      linear      PAT 27-AUG-2002
DEFINITION      A method of arraying genome clone.
ACCESSION      BD089801
VERSION      BD089801.1 GI:22635411
KEYWORDS      JP 2001321190-A/2045.
SOURCE      synthetic construct
ORGANISM      synthetic construct
artificial sequences.
REFERENCE      1 (bases 1 to 19)
AUTHORS      Soeda,R.
TITLE      A method of arraying genome clone
JOURNAL      Patent: JP 2001321190-A 2045 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECHS
COMMENT      OS      Artificial Sequence
PN      JP 2001321190-A/2045
PD      20-NOV-2001
PR      12-MAR-2001 JP 2001068285
PI      EITCHI SOEDA
PC      C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC
C12N15/00,
CC      Description of Artificial Sequence:Synthetic DNA FH Key
Location/Qualifiers
FT      source      1..19
FEATURES
source      Location/Qualifiers
1..19
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7.3e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY	1388	CCAGAGCCAGATCCCT	1406
Db	19	CCAGATCCAGATCCCT	1
RESULT 1147			
ATH526966	19 bp	DNA	linear PLN 29-MAR-2003
DEFINITION	Arabidopsis thaliana T-DNA flanking sequence, left border, clone 130A05.		
ACCESSION	AJ526966		
VERSION	AJ526966.1	GI:26795226	
KEYWORDS	left border; T-DNA flanking sequence.		
SOURCE	Arabidopsis thaliana (chale crese)		
ORGANISM	Arabidopsis thaliana		
	Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.		
REFERENCE	1		
AUTHORS	Brunaud, V., Balzergue, S., Dubreucq, B., Aubourg, S., Samson, F., Chauvin, S., Bechold, N., Cruaud, C., Dekose, R., Pelletier, G., Lepoint, L., Cabocle, M. and Lecharny, A.		
TITLE	T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites		
JOURNAL	EMBO Rep.	3 (12),	1152-1157 (2002)
MEDLINE	22363535		
PUBMED	12446565		
REFERENCE	2	(bases 1 to 19)	
AUTHORS	Balzergue, S.		
TITLE	Direct Submission		
JOURNAL	Submitted (21-NOV-2002) Balzergue S., UMRGV, INRA/CNRS, 2 rue Gaston Cremieux, 91057 Evry cedex, FRANCE		
COMMENT	PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment (s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at http://dbgap.versailles.inra.fr/publiclines/ . This sequence has been generated in the framework of the French plant genomics program 'Genoplante' (http://www.genoplante.com and http://genoplante-info.inbiolegen.fr).		
FEATURES	Location/Qualifiers		
source	1..19	/organism="Arabidopsis thaliana"	
		/mol_type="Genomic DNA"	
		/cultivar="Wassilewskija"	
		/db_xref="taxon:3702"	
		/clone="130A05"	
		/clone_idb="Arabidopsis thaliana T-DNA insertion lines"	
	1..19	/note="T-DNA flanking sequence"	
		left border"	
Query Match	0.3%	Score 14.2;	DB 1;
Best Local Similarity	84.2%;	Pred. No. 7.3e+02;	Length 19;
Matches	16;	Conservative 0;	Mismatches 3;
		Indels 0;	Gaps 0;
QY	5357	TATTAATTAAATTTT	5375
Db	1	TACCAATTAAAGCTTTT	19
RESULT 1148			
ATH527027	19 bp	DNA	linear PLN 29-MAR-2003
LOCUS	ATH527027 19 bp DNA linear PLN 29-MAR-2003		
DEFINITION	Arabidopsis thaliana T-DNA flanking sequence, left border, clone 131B09.		
ACCESSION	AJ527027		
VERSION	AJ527027.1	GI:26795287	
KEYWORDS	left border; T-DNA flanking sequence.		
SOURCE	Arabidopsis thaliana (chale crese)		

	ORGANISM	Arabidopsis thaliana Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Bradyopsida; Magnoliophyta; eudicotyledons; core eucots;
	TITLE	Spermatophytes I; Brassicales; Brassicaceae; Arabidopsis.
	JOURNAL	Brunaud,V., Balzergue,S., Dubreucq,B., Aubourg,S., Samson,F., Chauvin,G., Bechtold,N., Craud,C., DeRose,R., Pelletier,G., Lepoint,L., Caboche,M. and Leclercy,A. T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites
	PUBMED	EMBO Rep. 3 (12), 1152-1157 (2002)
	REFERENCE	2 (bases 1 to 19) Balzergue,S. Direct Submision Submitted (21-NOV-2002) Balzergue S., UMRGV, INRA/CNRS, 2 rue Gaston Cremieux, 91057 Evry cedex, FRANCE PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment(s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at: http://dbsgap.versailles.inra.fr/publiclines/ . This sequence has been generated in the framework of the French plant genomes program "Genoplante" (http://www.genoplante.com) and http://genoplante-info.infobiogen.fr .
	FEATURES	location/Qualifiers 1..19 /organism="Arabidopsis thaliana" /mol_type="genomic DNA" /cultivar="Wassilewskija" /db_xref="taxon:3702" /clone_id="J18B09"
	SOURCE	/clone_1db="Arabidopsis thaliana T-DNA Insertion Lines" 1..19 /note="T-DNA flanking sequence left border"
	CY	Query Match 0.3%; Score 14.2; DB 1; Length 19; Best Local Similarity 84.2%; Pred.No. 7.3e+02; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Dn	1 TATAATTAAATTTT 5375	 1 TACAATTAAAACCTTT 19
RESULT 1149	ABO68728/c	19 bp DNA linear SYN 21-MAY-2003
LOCUS	ABO68728	Synthetic construct DNA, forward primer for human STS seq-DISS07 at IP36.
DEFINITION	ABO68728	GI:15129532
ACCSSION	ABO68728	
VERSION	ABO68728.1	
KEYWORDS		synthetic construct artificial sequences.
SOURCE		
ORGANISM		
REFERENCE		
AUTHORS		Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaka,E., Maekawa,K., Watanabe,N., Inazawa,T., Hosoda,F., Arai,Y., Mizushima,H., Mochizuki,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A. and Soda,E.
TITLE		A BAC-based STS-content map spanning a 35-kb region of human chromosome 1p35-p36
JOURNAL	Gonomics 74 (1), 55-70 (2001)	
MEDLINE	21269192	
PUBMED	11374902	
REFERENCE	2 (bases 1 to 19)	
AUTHORS	Hori,A.	

TITLE Direct Submission
JOURNAL Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Setryomachi, Aoba-ku, Sendai, Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
FEATURES
source
1.19
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
misc_feature
1..19
/note="forward primer for human STS sts-DIS507 at 1936 sts-DIS507 obtained from clones B351N1, B186G8, B186H7, B39F12, Human BAC library RPC1-11"

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Db 1388 CCAGAGCCAGATCCCT 1406
19 CCAGTCCAGATCCCT 1

RESULT 1150
BD184614/c 20 bp DNA linear PAT 17-JUN-2003
DEFINITION Method and detector for identifying subtypes of human papilloma viruses.
ACCESSION BD184614
VERSION BD184614.1 GI:31876814
KEYWORDS JP 2002360271-A/593.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
1 (bases 1 to 20)
Ling,C., Lin,R., Yoo,Z., Huang,X., Lee,B., Lee,S., Lin,Y., Huang,C., Hsu,H., Shi,C., Yeh,C., Cao,Y. and Pan,C.
Method and detector for identifying subtypes of human papilloma Patent: JP 2002360271-A 593 17-DEC-2002;
JOURNAL KING CAR FOOD INDUSTRIAL CO LTD
COMMENT
OS Artificial Sequence
PN JP 2002360271-A/593
PD 17-DEC-2002
PF 28-NOV-2001 JP 2001362595
PR 04-MAY-2001 TW 90110785
PI CHING-YEE LING, RUEY-WEN LIN, ZHOU-MENG YOO, XIN-HSUAN HUANG, BOW-HAENG LEE,
PI SHENG-HSIUNG LEE, YI-JU LIN, CI-CHUNG HUANG, HAN-CHANG HSU, CHA-MEN SHI,
PI CHIH-XIN YEH, YI-FENG CAO, CHIH-LONG PAN
PC C12N15/09, C12N15/09, C12M1/34, C12Q1/04, C12Q1/42, C12Q1/68 PC
C12Q1/70 G01N21/64,
PC G01N33/53, G01N33/574, G01N33/58, G01N37/00//C12M1/34, C12R1/93),
CC (C12Q1/70, C12R1/93), C12N15/00, C12N15/00
OI oligonucleotide M830402 for identifying HPV CP8034. FH Key
FT source 1..20
Location/Qualifiers
1.20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

FEATURES
source
1.20
Location/Qualifiers
1.20
/organism="Artificial Sequence".

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Db 2110 CTGATGACGAGATGAAGC 2128
19 CTCGAGCAGCATGTAGC 1

RESULT 1151
AX742761/c 20 bp DNA linear PAT 12-MAY-2003
LOCUS AX742761
DEFINITION Sequence 564 from Patent EP1302550.
ACCESSION AX742761
VERSION AX742761.1 GI:30576750
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
1
Lin,C.Y., Lin,R.W., You,C.M., Huang,H.H., Lee,B.H., Lee,H.H., Lin,Y.J., Fan,C.C., Hsu,H.C., Shih,C.W., Yen,C.H., Kao,Y.F., Pan,C.L. and Chan,P.
Method and detector for identifying subtypes of human papilloma viruses
Patent: EP 1302550-A 564 16-APR-2003;
JOURNAL King Car Food Industrial Co., Ltd. (TW)
COMMENT
Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide for Identifying HPV CP8034"

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Db 2110 CTGATGACGAGATGAAGC 2128
19 CTCGAGCAGCATGTAGC 1

RESULT 1152
A23230/c 20 bp DNA linear PAT 30-NOV-1994
LOCUS A23230
DEFINITION oligonucleotide (NO:18).
ACCESSION A23230
VERSION A23230.1 GI:641670
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
1 (bases 1 to 20)
Jeffreys,A.J.
Method of characterising genomic DNA
Patent: EP 0530009-A 18 03-MAR-1993;
JOURNAL IMPERIAL CHEMICAL INDUSTRIES PLC; ZENECA LIMITED
COMMENT
Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

FEATURES
source
1..20
Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Db 4841 GTCCTGGCTTGGCTGACC 4859
19 GACCTGGCTTGGCTGCTCC 1

RESULT 1153
A62106 20 bp DNA linear PAT 09-MAR-1998
LOCUS A62106
DEFINITION Sequence 6 from Patent WO9712970.
ACCESSION A62106
VERSION A62106.1 GI:3716151
KEYWORDS
SOURCE unidentified

ORGANISM unidentified
unclassified.
REFERENCE 1
AUTHORS Balmain,A. and Zhu,J.
TITLE ANTITUMOUR VECTOR CONSTRUCTS AND METHODS
JOURNAL Patent: WO 9712970-A 6 10-APR-1997;
CANCER RES CAMPAIGN TECH (GB)
COMMENT Other publication AU 7138696 970428
Other publication GB 2305920 970423.
FEATURES
source
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/organism="unclassified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2093 GGCTGGCTGGACTGGCT 2111
DB 2 GACTTGCTGGACTGGCT 20

RESULT 1154
LOCUS A65901 20 bp DNA linear PAT 29-MAR-1999
DEFINITION Sequence 14 from Patent WO9738114.
ACCESSION A65901
VERSION A65901.1 GI:4537902
KEYWORDS
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Fontana,A., Constam,D.B., Tobler,A.R., Altmann,K. and Schlapbach,R.
TITLE FURONYCIN-SENSITIVE AMINOPEPTIDASES
JOURNAL Patent: WO 9738114-A 14 16-OCT-1997;
CIBA GEIGY AG (CH)
COMMENT Other publication AU 5686896 19971029.
FEATURES
source
1. .20
/organism="unclassified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 935 GACAGCTGCTGACATC 953
DB 1 GGCAGCTGCCAGCCATC 19

RESULT 1155
LOCUS A71396 20 bp DNA linear PAT 07-MAY-1999
DEFINITION Sequence 7 from Patent WO9810094.
ACCESSION A71396
VERSION A71396.1 GI:4775010
KEYWORDS
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Serio,M., Orlando,C., Pazzagli,M. and Sestini,R.
TITLE PLASMIDS CONTAINING TWO OR MORE COMPETITORS IN SEQUENCE AND THEIR
APPLICATION IN COMPETITIVE-PCR TECHNIQUES
JOURNAL Patent: WO 9810094-A 7 12-MAR-1998;
SERIO MARIO (IT)
COMMENT Other publication IT F1960208 19980305.
FEATURES
location/Qualifiers

source 1. .20
/organism="unclassified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2502 TGGATACATGGCCCTTT 2520
DB 19 TGAATACCTGGCCTGTGT 1

RESULT 1156
LOCUS AR005021 20 bp DNA linear PAT 04-DEC-1998
DEFINITION Sequence 8 from patent US 5747329.
ACCESSION AR005021
VERSION AR005021.1 GI:3965900
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Meister,A., Huang,C.-S. and Anderson,M.B.
TITLE Glutamylycysteine synthetase light subunit
JOURNAL Patent: US 5747329-A 8 05-MAY-1998;
FEATURES
source
1. .20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5230 TACAGAGAGTACACAGA 5248
DB 2 TCACAGAGCTCTTCACAGA 20

RESULT 1157
LOCUS AR021357 20 bp DNA linear PAT 05-DEC-1998
DEFINITION Sequence 8 from patent US 5789573.
ACCESSION AR021357
VERSION AR021357.1 GI:3975972
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Baker,B., Bennett,C., Frank. and Anderson,K.P.
TITLE Antisense inhibition of ICAM-1, R-selectin, and CMV IBI/IE2
JOURNAL Patent: US 5789573-A 8 04-AUG-1998;
FEATURES
source
1. .20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4099 CTCCTGGAGAGCCAGCCA 4117
DB 19 CGCTGGAGAGCCAGCCA 1

RESULT 1158
LOCUS AR029547 20 bp DNA linear PAT 29-SEP-1999

DEFINITION Sequence 57 from patent US 5859336.
ACCESSION AR029547
VERSION AR029547.1 GI:5941520
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Kozieł,M.G., Desai,N.M., Lewis,K.S., Warren,G.W., Evola,S.V., Crossland,L.D., Wright,M.S., Merlin,E.J., Lunnis,K.L., Bowman,C.G., Dawson,J.L., Dunder,S.M., Pace,G.M. and Suttie,J.L.
TITLE Synthetic DNA sequence having enhanced activity in maize
JOURNAL Patent: US 5859336-A 57 12-JAN-1999;
FEATURES
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3113 ACCAGACCTGACCGGCT 3131
| | | | | | | | | | | | | | | | | | | | | |
Db 2 AGCTGACCTGACCGCT 20
| | | | | | | | | | | | | | | | | | | | | |
/organism="unknown"
/mol_type="unassigned DNA"

RESULT 1159
LOCUS AR036870 20 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 1 from patent US 5800990.
ACCESSION AR036870
VERSION AR036870.1 GI:5954726
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Raynolds,M.V. and Perryman,M.Benjamin.
TITLE Angiotensin-converting enzyme genetic variant screens
JOURNAL Patent: US 5800990-A 1 01-SEP-1998;
FEATURES
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2641 CTGCAGCTGCTGCTGCAGC 2659
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Db 2 CTGCCGCTGCTGCTGCTGC 20
| | | | | | | | | | | | | | | | | | | | | |
/organism="unknown"
/mol_type="unassigned DNA"

RESULT 1160
LOCUS AR040862 20 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 18 from patent US 5811235.
ACCESSION AR040862
VERSION AR040862.1 GI:5961358
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Jeffreys,A.John.
TITLE Method of characterisation
JOURNAL Patent: US 5811235-A 18 22-SEP-1998;
FEATURES
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4841 GTCTGGCTTTGGCTGACC 4859
| | | | | | | | | | | | | | | | | | | | | |
Db 19 GACCTGGCTTTGGCTGTCC 1
| | | | | | | | | | | | | | | | | | | | | |
/organism="unknown"
/mol_type="unassigned DNA"

RESULT 1161
LOCUS AR043108 20 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 11 from patent US 5814448.
ACCESSION AR043108
VERSION AR043108.1 GI:5964116
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Silverstein,S.J., Langu,O. and Wright,T.C. Jr.
TITLE Polymerase chain reaction/restriction fragment polymorphism method for the detection and typing of human papillomaviruses
JOURNAL Patent: US 5814448-A 11 29-SEP-1998;
FEATURES
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1840 CTGGCAGCTTGGCTGGGA 1858
| | | | | | | | | | | | | | | | | | | | | |
Db 20 CTGGCCAGGTGCTGGGA 2
| | | | | | | | | | | | | | | | | | | | | |
/organism="unknown"
/mol_type="unassigned DNA"

RESULT 1162
LOCUS AR054113 20 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 5 from patent US 5834587.
ACCESSION AR054113
VERSION AR054113.1 GI:5978975
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Chan,W., Bergema,D.J. and Ellis,C.E.
TITLE G-protein coupled receptor. HLTX 11
JOURNAL Patent: US 5834587-A 5 10-NOV-1998;
FEATURES
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2863 CCCACATGATGCTGT 2881
| | | | | | | | | | | | | | | | | | | | | |
Db 20 CCCGCCATGCGAGTCTGT 2
| | | | | | | | | | | | | | | | | | | | | |
/organism="unknown"
/mol_type="unassigned DNA"

RESULT 1163
LOCUS AR067017 20 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 365 from patent US 5851760.
ACCESSION AR067017
VERSION AR067017.1 GI:5998239

KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE
AUTHORS 1 (bases 1 to 20)
TITLE Evans, G.A. and Smith, M.W.
JOURNAL Method for generation of sequence sampled maps of complex genomes
FEATURES Patent: US 5851760-A 365 22-DEC-1998;
Location/Qualifiers
1. 20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1781 AGGAGCCGAGTTCTGAGCT 1799
DB 2 AGGAGCAGAGTTGTGGCT 20

RESULT 1164
LOCUS AR068394 20 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 18 from patent US 5853989.
ACCESSION AR068394
VERSION AR068394.1 GI:6000601
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE
AUTHORS 1 (bases 1 to 20)
TITLE Jeffrey, A. John, Little, S., Ferris, R. Mark, and Brownie, J.
JOURNAL Method of characterization of genomic DNA
FEATURES Patent: US 5853989-A 18 29-DEC-1998;
Location/Qualifiers
1. 20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4841 GTCCTGCGCTTTGGCTGACC 4859
DB 19 GACCTGCGCTTTGGCTGACC 1

RESULT 1165
LOCUS AR086257 20 bp DNA linear PAT 07-SEP-2000
DEFINITION Sequence 78 from patent US 5985558.
ACCESSION AR086257
VERSION AR086257.1 GI:10013023
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE
AUTHORS 1 (bases 1 to 20)
TITLE Dean, N.M., McKay, R., Miragila, L. and Baker, B.
JOURNAL Antisense oligonucleotide compositions and methods for the
FEATURES Inhibition of c-Jun and c-Fos
Patent: US 5985558-A 78 16-NOV-1999;
Location/Qualifiers
1. 20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 339 TTCTACCACTCCCTC 357
DB 1 TTCTTCACCTGCCCTC 19

RESULT 1166
LOCUS AR086274 20 bp DNA linear PAT 07-SEP-2000
DEFINITION Sequence 95 from patent US 5985558.
ACCESSION AR086274
VERSION AR086274.1 GI:10013040
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE
AUTHORS 1 (bases 1 to 20)
TITLE Dean, N.M., McKay, R., Miragila, L. and Baker, B.
JOURNAL Antisense oligonucleotide compositions and methods for the
FEATURES Inhibition of c-Jun and c-Fos
Patent: US 5985558-A 95 16-NOV-1999;
Location/Qualifiers
1. 20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 339 TTCTACCACTCCCTC 357
DB 20 TTCTTCACCTGCCCTC 2

RESULT 1167
LOCUS AR092032 20 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 56 from patent US 5998141.
ACCESSION AR092032
VERSION AR092032.1 GI:10018786
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE
AUTHORS 1 (bases 1 to 20)
TITLE Acton, S. Laurene.
JOURNAL Intronic and polymorphic SR-BI nucleic acids and uses therefor
FEATURES Patent: US 5998141-A 56 07-DEC-1999;
Location/Qualifiers
1. 20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1222 TGGGACGCGGTGTAGAA 1240
DB 19 TGGGCTGGGCGGTGTAGAA 1

RESULT 1168
LOCUS AR093018 20 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 113 from patent US 5998383.
ACCESSION AR093018
VERSION AR093018.1 GI:10019770
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)
AUTHORS Wright,J.A. and Young,A.H.
TITLE Antitumor antisense sequences directed against ribonucleotide reductase
JOURNAL Patent: US 5998383-A 113 07-DEC-1999;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4802 TCAGCAGCTGAAGTATCAA 4820
Db 2 TCAGCAGCCCAAGTATCTA 20
|||||
|||||

RESULT 1169
AR096477 AR096477 20 bp DNA linear PAT 08-SEP-2000
LOCUS Sequence 6 from patent US 6008014.
DEFINITION AR096477
ACCESSION AR096477 GI:10025314
VERSION AR096477.1
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Gimeno,C.J. and Acton,S.
TITLE Method of making lipid metabolic pathway compositions
JOURNAL Patent: US 6008014-A 6 28-DEC-1999;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3312 GCAGAACACCTGATGAC 3330
Db 2 GAAGAGAACCAAGATGAC 20
|||||
|||||

RESULT 1170
AR098500 AR098500 20 bp DNA linear PAT 14-FEB-2001
LOCUS Sequence 57 from patent US 6075185.
DEFINITION AR098500
ACCESSION AR098500
VERSION AR098500.1 GI:12807757
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Koziel,M.G., Desai,N.M., Lewis,K.S., Warren,G.W., Eyoia,S.V., Wright,M.S., Launis,K.L., Rothstein,S.J., Bowman,C.G., Dawson,J.L., Dunder,B.M., Pace,G.W. and Sutcliffe,J.L.
TITLE Synthetic DNA sequence having enhanced insecticidal activity in maize
JOURNAL Patent: US 6075185-A 57 13-JUN-2000;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3113 ACCAGACCTGACCGAGCT 3131
Db 2 AGCTGACCTGACCGTGCT 20
|||||
|||||

RESULT 1171
AR098878 AR098878 20 bp DNA linear PAT 14-FEB-2001
LOCUS Sequence 13 from patent US 6077685.
DEFINITION AR098878
ACCESSION AR098878
VERSION AR098878.1 GI:12806644
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Trofater,J.A., Maccollin,M.M. and Gusejlla,J.F.
TITLE Tumor suppressor merlin and antibodies thereof
JOURNAL Patent: US 6077685-A 13 20-JUN-2000;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1549 CTGGCCAGGCGAGTGAAG 1567
Db 2 CAGGCCAGGAGAGAGAGG 2
|||||
|||||

RESULT 1172
AR100408 AR100408 20 bp DNA linear PAT 14-FEB-2001
LOCUS Sequence 139 from patent US 6080580.
DEFINITION AR100408
ACCESSION AR100408
VERSION AR100408.1 GI:12810856
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Baker,B.F., Bennett,C.Frank., Butler,M.M. and Shanahan,W.R. Jr.
TITLE Antisense oligonucleotide modulation of tumor necrosis factor- α (TNF- α) expression
JOURNAL Patent: US 6080580-A 139 27-JUN-2000;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 60 TGGGTTCTGAAGCCCAT 78
Db 2 TGAATTCGAAGCCCAT 20
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|||||

RESULT 1173
AR112167 AR112167 20 bp DNA linear PAT 16-MAY-2001
LOCUS Sequence 56 from patent US 6130041.
DEFINITION AR112167
ACCESSION AR112167
VERSION AR112167.1 GI:14092067
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)

AUTHORS Acton, S. Laurene.
TITLE Human intronic and polymorphic SR-BI nucleic acids and uses
therefor

JOURNAL Patent: US 6130041-A 56 10-OCT-2000;

FEATURES
source Location/Qualifiers
1. .20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 7.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1222 TGCGCAGCGGTGTAGGAA 1240

Db 19 TGCGCTGGGTGTGTGGAA 1

RESULT 1174

LOCUS AR116451 20 bp DNA linear PAT 16-MAY-2001

DEFINITION Sequence 32 from patent US 6133246.

ACCESSION AR116451

VERSION AR116451.1 GI:14096773

KEYWORDS
SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)
McKay, R., Dean, N., Monia, B.P., Nero, P.S. and Gaarde, W.A.

AUTHORS Antisense oligonucleotide compositions and methods for the
modulation of JNK proteins

JOURNAL Patent: US 6133246-A 32 17-OCT-2000;

FEATURES
source Location/Qualifiers
1. .20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 7.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3749 ACGATGACTTCTGGGCCC 3767

Db 2 ACGATGACTTCTGGGCCC 20

RESULT 1175

LOCUS AR122218 20 bp DNA linear PAT 16-MAY-2001

DEFINITION Sequence 64 from patent US 6165713.

ACCESSION AR122218

VERSION AR122218.1 GI:14106535

KEYWORDS
SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)
Liskay, R.M., Bronner, C.Eric., Baker, S.M., Bollag, R.J. and

AUTHORS Kolodner, R.D.
Composition and methods relating to DNA mismatch repair genes

JOURNAL Patent: US 6165713-A 64 26-DEC-2000;

FEATURES
source Location/Qualifiers
1. .20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 7.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 335 GGCTTTCTACCACTCC 333

|||||

Db 2 GGCTTTCTCCCCCTCC 20

RESULT 1176

LOCUS AR124510 20 bp DNA linear PAT 16-MAY-2001

DEFINITION Sequence 79 from patent US 6171860.

ACCESSION AR124510

VERSION AR124510.1 GI:14109871

KEYWORDS
SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)
Baker, B.F. and Cowsett, L.M.

AUTHORS Antisense inhibition of rank expression

JOURNAL Patent: US 6171860-A 79 09-JAN-2001;

FEATURES
source Location/Qualifiers
1. .20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 7.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3598 CAGGCTAATCTCAACTCC 3616

Db 19 CAGGCTGCTCAACTCC 1

RESULT 1177

LOCUS AR125307 20 bp DNA linear PAT 16-MAY-2001

DEFINITION Sequence 7 from patent US 6177249.

ACCESSION AR125307

VERSION AR125307.1 GI:14111369

KEYWORDS
SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)
Kwok, P.-Y. and Chen, X.

AUTHORS Method for nucleic acid analysis using fluorescence resonance

JOURNAL energy transfer
Patent: US 6177249-A 7 23-JAN-2001;

FEATURES
source Location/Qualifiers
1. .20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 7.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2555 TAAGTATGAGGGGAG 2573

Db 20 TAAGTATGAGGGGAG 2

RESULT 1178

LOCUS AR126622 20 bp DNA linear PAT 16-MAY-2001

DEFINITION Sequence 51 from patent US 6180353.

ACCESSION AR126622

VERSION AR126622.1 GI:14113215

KEYWORDS
SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)
Dean, N.M. and Cowsett, L.M.

AUTHORS Antisense modulation of dxxx expression

JOURNAL

TITLE

JOURNAL Patent: US 6180353-A 51 30-JAN-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 935 GACAGCTGCTGACACATC 953
Db 20 GGACGCTGCCGACACAGC 2

RESULT 1179

ARI30543 ARI30543 20 bp DNA linear PAT 16-MAY-2001
LOCUS Sequence 71 from patent US 6190861.
ACCESSION ARI30543
VERSION ARI30543.1 GI:14118868
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)
AUTHORS Fishman,J.A.
TITLE Molecular sequences of swine retroviruses method of using
JOURNAL Patent: US 6190861-A 71 20-FEB-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3559 CAGAGACTCGATCAGAGA 3577
Db 1 CAGACACTCAGAACAGAGA 19

RESULT 1180

ARI31192 ARI31192 20 bp DNA linear PAT 16-MAY-2001
LOCUS Sequence 64 from patent US 6191268.
ACCESSION ARI31192
VERSION ARI31192.1 GI:14119517
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)
AUTHORS Lisakay,R.M., Bromner,C.Eric., Baker,S.M., Bollag,R.J. and Kolodner,R.D.
TITLE Compositions and methods relating to DNA mismatch repair genes
JOURNAL Patent: US 6191268-A 64 20-FEB-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 335 GGCTTTCCTACCACTCC 353
Db 2 GGCTTTTCCTCCCTCCC 20

RESULT 1181

ARI39513 ARI39513 20 bp DNA linear PAT 16-JUN-2001
LOCUS Sequence 30 from patent US 6207383.
ACCESSION ARI39513
VERSION ARI39513.1 GI:14482009
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)
AUTHORS Keating,M.T. and Splawski,I.
TITLE Mutations in and genomic structure of HERG--a long QT syndrome gene
JOURNAL Patent: US 6207383-A 30 27-MAR-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1512 CATCTGCGAGGGCTGCT 1530
Db 1 CACTCTGCGAGGAGCTGCT 19

RESULT 1182

ARI39960/c ARI39960 20 bp DNA linear PAT 16-JUN-2001
LOCUS Sequence 32 from patent US 6207417.
ACCESSION ARI39960
VERSION ARI39960.1 GI:14482456
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)
AUTHORS Zsebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
TITLE DNA encoding stem cell factor
JOURNAL Patent: US 6207417-A 32 27-MAR-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5402 CAAAAAGAAAAATGAAA 5420
Db 19 CAAAAAAGAAAAA 1

RESULT 1183

ARI39961/c ARI39961 20 bp DNA linear PAT 16-JUN-2001
LOCUS Sequence 33 from patent US 6207417.
ACCESSION ARI39961
VERSION ARI39961.1 GI:14482457
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)
AUTHORS Zsebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
TITLE DNA encoding stem cell factor
JOURNAL Patent: US 6207417-A 33 27-MAR-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATATCAAAAAAGA 5410
DB 19 TAAAAAATATCAAAAAAGA 1

RESULT 1184
ARI40279/c 20 bp DNA linear PAT 16-JUN-2001
LOCUS Sequence 32 from patent US 6207454.
DEFINITION ARI40279
ACCESSION ARI40279
VERSION ARI40279.1 GI:14482775
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE 1 (bases 1 to 20)
AUTHORS Zsebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
TITLE Method for enhancing the efficiency of gene transfer with stem cell
factor (SCF) polypeptide
JOURNAL Patent: US 6207454-A 32 27-MAR-2001;
FEATURES
source Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5402 CAAAAAGAAAAATGAAA 5420
DB 19 CAAAAAGAAAAATGAAA 1

RESULT 1185
ARI40280/c 20 bp DNA linear PAT 16-JUN-2001
LOCUS Sequence 33 from patent US 6207454.
DEFINITION ARI40280
ACCESSION ARI40280
VERSION ARI40280.1 GI:14482776
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE 1 (bases 1 to 20)
AUTHORS Zsebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
TITLE Method for enhancing the efficiency of gene transfer with stem cell
factor (SCF) polypeptide
JOURNAL Patent: US 6207454-A 33 27-MAR-2001;
FEATURES
source Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATATCAAAAAAGA 5410
DB 19 TAAAAAATATCAAAAAAGA 1

RESULT 1186
ARI40557/c 20 bp DNA linear PAT 16-JUN-2001
LOCUS Sequence 32 from patent US 6207802.
DEFINITION ARI40557
ACCESSION ARI40557

VERSION ARI40557.1 GI:14483053
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE 1 (bases 1 to 20)
AUTHORS Zsebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
TITLE Stem cell factor and compositions
JOURNAL Patent: US 6207802-A 32 27-MAR-2001;
FEATURES
source Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5402 CAAAAAGAAAAATGAAA 5420
DB 19 CAAAAAGAAAAATGAAA 1

RESULT 1187
ARI40558/c 20 bp DNA linear PAT 16-JUN-2001
LOCUS Sequence 33 from patent US 6207802.
DEFINITION ARI40558
ACCESSION ARI40558
VERSION ARI40558.1 GI:14483054
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE 1 (bases 1 to 20)
AUTHORS Zsebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
TITLE Stem cell factor and compositions
JOURNAL Patent: US 6207802-A 33 27-MAR-2001;
FEATURES
source Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATATCAAAAAAGA 5410
DB 19 TAAAAAATATCAAAAAAGA 1

RESULT 1188
ARI49209/c 20 bp DNA linear PAT 08-AUG-2001
LOCUS Sequence 56 from patent US 6228581.
DEFINITION ARI49209
ACCESSION ARI49209
VERSION ARI49209.1 GI:15113800
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE 1 (bases 1 to 20)
AUTHORS Acton,S.L. and Ordovas,J.M.
TITLE Human Intronc and polymorphic SR-BI nucleic acids and uses
therefor
JOURNAL Patent: US 6228581-A 56 08-MAY-2001;
FEATURES
source Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1222 TGGGAGCGGTGTAGTAA 1240
| | | | | | | | | | | | | | | | | |
Db 19 TGGGCTGGGCTGTGTGGA 1

RESULT 1189
AR150063
LOCUS AR150063 20 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 139 from patent US 6228642.
ACCESSION AR150063
VERSION AR150063.1 GI:15114654
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 60 TGGGTTCTGAAGCCCAT 78
| | | | | | | | | | | | | | | | | |
Db 2 TGAATTCGGAAGCCCAT 20

RESULT 1190
AR157125
LOCUS AR157125 20 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 42 from patent US 6242590.
ACCESSION AR157125
VERSION AR157125.1 GI:15125829
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2325 CTCACCTTCTGAAGATG 2343
| | | | | | | | | | | | | | | | | |
Db 1 CTACACTCTCTGAAGATG 19

RESULT 1191
AR162101/c
LOCUS AR162101 20 bp DNA linear PAT 17-OCT-2001
DEFINITION Sequence 31 from patent US 6258558.
ACCESSION AR162101
VERSION AR162101.1 GI:16229171
KEYWORDS
SOURCE
ORGANISM

REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

Unclassified.
1 (bases 1 to 20)
Szoetak,J.W., Roberts,R.W. and Liu,R.
Method for selection of proteins using RNA-protein fusions
Patent: US 6258558-A 31 10-JUL-2001;
Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5397 AATACAAAAAGAAAAA 5415
| | | | | | | | | | | | | | | | | |
Db 19 AATACCAAAAAA 1

RESULT 1192
AR162761/c
LOCUS AR162761 20 bp DNA linear PAT 17-OCT-2001
DEFINITION Sequence 84 from patent US 6258790.
ACCESSION AR162761
VERSION AR162761.1 GI:16230100
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4958 ATTATGTCTCATGCCAGG 4976
| | | | | | | | | | | | | | | | | |
Db 19 ATTATGTCTCATGCCAGG 1

RESULT 1193
AR163446
LOCUS AR163446 20 bp DNA linear PAT 17-OCT-2001
DEFINITION Sequence 8 from patent US 6270977.
ACCESSION AR163446
VERSION AR163446.1 GI:16234051
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2325 CTCACCTTCTGAAGATG 2343
| | | | | | | | | | | | | | | | | |

Db 1 CTCACCTCTCGACGATG 19

RESULT 1194

ARI66626/c

LOCUS ARI66626 20 bp DNA 11near PAT 17-OCT-2001

DEFINITION Sequence 31 from patent US 6281344.

ACCESSION ARI66626

VERSION ARI66626.1 GI:16242029

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Szeostak, J.W., Roberts, R.W. and Liu, R.

TITLE Nucleic acid-protein fusion molecules and libraries

JOURNAL Patent: US 6281344-A 31 28-AUG-2001;

FEATURES

source

1.20

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 7.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5397 AATACAAAAGAAAAA 5415

Db 19 AATACCAAAAAA 1

RESULT 1195

ARI66697/c

LOCUS ARI66697 20 bp DNA 11near PAT 17-OCT-2001

DEFINITION Sequence 47 from patent US 6281346.

ACCESSION ARI66697

VERSION ARI66697.1 GI:16242121

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Hesse, J.W., Caskey, C.Thomas., Liu, Q. and Phillips, M. Sean.

TITLE Rat ob-receptors and nucleotides encoding them

JOURNAL Patent: US 6281346-A 47 28-AUG-2001;

FEATURES

source

1.20

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 7.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3509 AGGGCTGATACGGAGA 3527

Db 20 AGGGCTGAATTTGGAGA 2

RESULT 1196

ARI73034

LOCUS ARI73034 20 bp DNA 11near PAT 17-DEC-2001

DEFINITION Sequence 159 from patent US 6303374.

ACCESSION ARI73034

VERSION ARI73034.1 GI:17912525

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Zhang, H. and Cowse, L.M.

TITLE Antisense modulation of caspase 3 expression

JOURNAL Patent: US 6303374-A 159 16-OCT-2001;

FEATURES

Location/Qualifiers

1.20

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 7.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1830 GGATGACATGCTGGGAGT 1848

Db 2 GGCTGATTTGTTAGGAGT 20

RESULT 1197

ARI74516

LOCUS ARI74516 20 bp DNA 11near PAT 17-DEC-2001

DEFINITION Sequence 5 from patent US 6307019.

ACCESSION ARI74516

VERSION ARI74516.1 GI:17914836

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Constantini, F. and Zeng, L.

TITLE Axin gene and uses thereof

JOURNAL Patent: US 6307019-A 5 23-OCT-2001;

FEATURES

source

1.20

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 7.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2569 GAGAGAGATGAGAGACA 2587

Db 1 GAGGAGAGAGAGAGATCA 19

RESULT 1198

ARI76823

LOCUS ARI76823 20 bp DNA 11near PAT 17-DEC-2001

DEFINITION Sequence 78 from patent US 6312900.

ACCESSION ARI76823

VERSION ARI76823.1 GI:17919178

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)

AUTHORS Dean, N.M., McKay, R., Miraglia, L. and Baker, B.

TITLE Antisense oligonucleotide compositions and methods for the modulation of activating protein 1

JOURNAL Patent: US 6312900-A 78 06-NOV-2001;

FEATURES

source

1.20

/organism="unknown"

/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 7.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3339 TTTCCTACCATGCCCCCTC 357

Db 1 TTTCCTCCACATGCCCTC 19

RESULT 1199

ARI76840/c

LOCUS AR176840 20 bp DNA PAT 17-DEC-2001
DEFINITION Sequence 95 from patent US 6312900.
ACCESSION AR176840
VERSION AR176840.1 GI:17919195
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Dean,N.M., McKay,R., Miraglia,J., and Baker,B.
TITLE Antisense oligonucleotide compositions and methods for the
modulation of activating protein 1
JOURNAL Patent: US 6312900-A 95 06-NOV-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 339 TTTCCTACGACCTCCGCTC 357
Db 20 TTTCCTTCACGCGCCCTC 2

RESULT 1200
LOCUS AR178970 20 bp DNA PAT 20-APR-2002
DEFINITION Sequence 216 from patent US 6319906.
ACCESSION AR178970
VERSION AR178970.1 GI:20220108
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Bennett,C.,Frank, and Vickers,T.A.
TITLE Oligonucleotide compositions and methods for the modulation of the
expression of B7 protein
JOURNAL Patent: US 6319906-A 216 20-NOV-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 794 GCGACTCTCCCTCATTCCTC 812
Db 19 GCCTCTCTCTTCATTCCTC 1

RESULT 1201
LOCUS BD174960 20 bp DNA PAT 18-MAR-2003
DEFINITION Simple nucleic acid amplification method.
ACCESSION BD174960
VERSION BD174960.1 GI:29120654
KEYWORDS JP 2002253264-A/8.
SOURCE synthetic construct
ORGANISM artificial construct
REFERENCE 1 (bases 1 to 20)
AUTHORS Oshima,J.
TITLE Simple nucleic acid amplification method
JOURNAL Patent: JP 2002253264-A 8 10-SEP-2002;
JOUR OSHIMA
COMMENT OS Artificial Sequence
PN JP 2002253264-A/8

PD 10-SEP-2002
PF 28-FEB-2001 JP 2001105220
PI JOJI OSHIMA
PC C12N15/09,C12Q1/68,C12N15/00
CC Simple nucleic acid amplification method
FH Key Location/Qualifiers
FT source 1..20
/organism="Artificial Sequence".
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2322 CATCTCCACCTTCTTGAG 2340
Db 19 CTTTCACGACCTTCGTGATG 1

RESULT 1202
LOCUS BD175100 20 bp DNA PAT 18-MAR-2003
DEFINITION Nucleic acid encoding lysyl oxidase related protein.
ACCESSION BD175100
VERSION BD175100.1 GI:29120794
KEYWORDS JP 2002272470-A/6.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Nakamura,T., Akiyama,H. and Ito,A.
TITLE Nucleic acid encoding lysyl oxidase related protein
JOURNAL Patent: JP 2002272470-A 6 24-SEP-2002;
COMMENT TAKASHI NAKAMURA
OS Artificial Sequence
PN JP 2002272470-A/6
PD 24-SEP-2002
PF 21-MAR-2001 JP 2001081755
PI TAKASHI NAKAMURA,HARUHIKO AKIYAMA,AKIRA ITO
PC C12N15/09,A61K31/711,A61K38/00,A61K39/395,A61K39/395,A61K47/02, PC
A61K47/36,
PC A61K47/42,A61K48/00,A61P3/00,A61P9/10,A61P9/12,A61P19/08, PC
A61P35/00
PC A61P43/00,C07K16/40,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12N9/
PC 06,C12Q1/68,
PC G01N33/15,G01N33/50,G01N33/50,G01N33/53,G01N33/53,G01N33/566//
PC C12P21/08,
PC C12N9/06,C12R1:91,C12N15/00,A61K37/02,C12N5/00 CC
Description of Artificial Sequence: Synthesized CC
Oligonucleotide having a
CC specific sequence to LOXC.
FH Key Location/Qualifiers
FT source 1..20
/organism="Artificial Sequence".
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4650 CACGAGCCGACGACGATG 4668
Db 1 CACGTTGTCGACGACGATG 19

RESULT 1203
LOCUS BD176448/c 20 bp DNA linear PAT 16-MAR-2003
DEFINITION A method of arraying genome clone.
ACCESSION BD176448
VERSION BD176448.1 GI:29122156
KEYWORDS WO 02072815-A/248.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Soeda,E.
TITLE A method of arraying genome clone
JOURNAL Patent: WO 02072815-A 248 19-SEP-2002;
EPOCH SOEDA,TAKESHI KUKITA
COMMENT OS Artificial Sequence
PN WO 02072815-A/248
PD 19-SEP-2002
PR 17-MAY-2001 WO 2001JP004139
PI 12-MAR-2001 JP 01P 68285
PC EPOCH SOEDA
CC Description of Artificial Sequence: Synthetic DNA FH Key
Location/Qualifiers
FT source 1..20
/organism='Artificial Sequence'.
Location/Qualifiers
1..20
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5320 TGTCTAGCAGGCTTCCAG 5338
DB 19 TGTCTAGCAGGCTTCCAG 1

RESULT 1204
LOCUS BD177732 20 bp DNA linear PAT 16-APR-2003
DEFINITION A method for snp typing.
ACCESSION BD177732
VERSION BD177732.1 GI:30014994
KEYWORDS JP 2002300894-A/22.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Nakamura,Y., Tanaka,T., Onishi,Y., Ozaki,K. and Yamada,A.
TITLE A method for snp typing
JOURNAL Patent: JP 2002300894-A 22 15-OCT-2002.
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH
COMMENT OS Artificial Sequence
PN JP 2002300894-A/22
PD 15-OCT-2002
PR 29-JAN-2002 JP 2002019752
PI YUSUKE NAKAMURA,TOSHIHIRO TANAKA,YOZO ONISHI,KOICHI OZAKI, PI
AKIRA YAMADA
PC C12N15/09,C12Q1/68,C12N15/00
CC Description of Artificial Sequence:Primer
FH Key Location/Qualifiers
FT source 1..20
/organism='Artificial Sequence'.
Location/Qualifiers
1..20
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3994 CCTGAGCTGTGGAGCTG 4012
DB 2 CCTGAGCTGTGGAGCTG 20

RESULT 1205
LOCUS BD177738/c 20 bp DNA linear PAT 16-APR-2003
DEFINITION A method for snp typing.
ACCESSION BD177738
VERSION BD177738.1 GI:30015000
KEYWORDS JP 2002300894-A/28.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Nakamura,Y., Tanaka,T., Onishi,Y., Ozaki,K. and Yamada,A.
TITLE A method for snp typing
JOURNAL Patent: JP 2002300894-A 28 15-OCT-2002;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH
COMMENT OS Artificial Sequence
PN JP 2002300894-A/28
PD 15-OCT-2002
PR 29-JAN-2002 JP 2002019752
PI YUSUKE NAKAMURA,TOSHIHIRO TANAKA,YOZO ONISHI,KOICHI OZAKI, PI
AKIRA YAMADA
PC C12N15/09,C12Q1/68,C12N15/00
CC Description of Artificial Sequence:Primer
FH Key Location/Qualifiers
FT source 1..20
/organism='Artificial Sequence'.
Location/Qualifiers
1..20
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4364 TTGGCCACTTGGATCAGG 4382
DB 19 TTGGCCACTTGGATCAGG 1

RESULT 1206
LOCUS BD223602 20 bp DNA linear PAT 17-JUL-2003
DEFINITION Mutations in and genomic structure of HERG - a long QT syndrome gene.
ACCESSION BD223602
VERSION BD223602.1 GI:33033372
KEYWORDS JP 2002521065-A/28.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Bukhtoyca; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; and Splanchni.
REFERENCE 1 (bases 1 to 20)
AUTHORS Keating,M.T. and Splawski,I.
TITLE Mutations in and genomic structure of HERG - a long QT syndrome gene
JOURNAL Patent: JP 2002521065-A 28 16-JUL-2002;
UNIVERSITY OF UTAH RESEARCH FOUNDATION
COMMENT OS Homo sapiens (human)
PN JP 2002521065-A/28
PD 16-JUL-2002
PR 20-JUL-1999 JP 2000562554


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FEATURES
  source      Location/Qualifiers
              1..20
              /organism="synthetic construct"
              /mol_type="genomic DNA"
              /db_xref="taxon:32630"

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5397 AATACAAAAAGAAAAA 5415
Db      19 AATACCACAAAAAA 1

RESULT 1210
BD251978/c      20 bp      DNA      linear      PAT 17-JUL-2003
LOCUS      Bone sialoprotein based toxic gene therapy for the treatment of
DEFINITION      calcified tumors and tissues.
ACCESSION      BD251978
VERSION      BD251978.1 GI:33061748
KEYWORDS      JP 2002532523-A/2.
SOURCE      Homo sapiens (human)
ORGANISM      Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
1 (bases 1 to 20)
Koehman,K.S. and Chung,L.W.K.
Bone sialoprotein based toxic gene therapy for the treatment of
calcified tumors and tissues
Patent: JP 2002532523-A 2 02-OCT-2002;
UNIVERSITY OF VIRGINIA PATENT FOUNDATION
OS      Homo sapiens (human)
PN      JP 2002532523-A/2
PD      02-OCT-2002
PF      22-DEC-1999 JP 2000589042
PR      22-DEC-1998 US 60/113200
PI      KENNETH S KOEHMAN,LELAND W K CHUNG
PC      A61K48/00,A61K31/375,A61K31/522,A61K31/704,A61K31/7088 PC
,A61K38/00,A61K38/21,
PC      A61K38/22,A61K38/43,A61P35/00,A61P43/00,C12Q1/02//A61K35/76,
PC      C12N15/09,
PC      A61K37/48,A61K37/02,A61K37/24,A61K37/66,C12N15/00 CC Bone
sialoprotein based toxic gene therapy for the treatment CC
of calcified
CC      tumors and tissues
FT      Key      Location/Qualifiers
      source      1..20
      /organism="Homo sapiens (human)".

FEATURES
  source      Location/Qualifiers
              1..20
              /organism="Homo sapiens"
              /mol_type="genomic DNA"
              /db_xref="taxon:9606"

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1749 CGATGGTATGATGACCA 1767
Db      20 CCAATGGTATGATGACCA 2

RESULT 1211
BD260089/c      20 bp      DNA      linear      PAT 17-JUL-2003
LOCUS      Novel granulocytic ehrlichia genes and uses thereof.
DEFINITION      BD260089
ACCESSION      BD260089.1 GI:33069859
KEYWORDS      JP 2002527042-A/24.
SOURCE      unidentified

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```

ORGANISM      unidentified
REFERENCE      1 (bases 1 to 20)
AUTHORS      Murphy,C.I. and Massung,R.F.
TITLE      Novel granulocytic ehrlichia genes and uses thereof
JOURNAL      Patent: JP 2002527042-A 24 27-AUG-2002;
AQUILA BIOPHARMACEUTICALS INC, CENTERS FOR DISEASE CONTROL AND
PREVENTION
OS      Bacteria
PN      JP 2002527042-A/24
PD      27-AUG-2002
PF      23-OCT-1998 JP 2000562526
PR      28-JUL-1998 US 60/094381
PI      CHERYL I MURPHY,ROBERT F MASSUNG
PC      C12N15/09,A01K67/027,A61K39/00,A61P31/00,C07K14/195,C07K16/12,
PC      C12N1/15,
PC      C12N1/19,C12N1/21,C12N5/10,C12Q1/68,G01N33/50,G01N33/53,G01N33/
53,
PC      G01N33/569,G01N33/577//C12P21/08,C12N15/00,C12N5/00 CC Novel
granulocytic ehrlichia genes and uses thereof
Location/Qualifiers
FT      source      1..20
      /organism="Bacteria".

FEATURES
  source      Location/Qualifiers
              1..20
              /organism="unidentified"
              /mol_type="genomic DNA"
              /db_xref="taxon:32644"

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4299 TCGAAGAGAACTGAGCTC 4317
Db      19 TCGAAGTATATGACAGCTC 1

RESULT 1212
CQ759163      20 bp      DNA      linear      PAT 01-MAR-2004
LOCUS      Sequence 75 from Patent WO2003106681.
DEFINITION      CQ759163
ACCESSION      CQ759163
VERSION      CQ759163.1 GI:44849154
KEYWORDS
SOURCE      Rattus norvegicus (Norway rat)
ORGANISM      Rattus norvegicus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae;
Rattus.

FEATURES
  source      Location/Qualifiers
              1..20
              /organism="Rattus norvegicus"
              /mol_type="unassigned DNA"
              /db_xref="taxon:10116"

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3437 GGGCCTGGAGCAGAGAA 3455
Db      2 GTGGCCTGGGCGCAGAGAA 20

RESULT 1213
CQ761540

```

LOCUS CQ761540 20 bp DNA linear PAT 03-MAR-2004
DEFINITION Sequence 158 from Patent WO2004003201.
ACCESSION CQ761540
VERSION CQ761540.1 GI:44904776
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kane,C.D.
TITLE Antisense modulation of lrlh expression
JOURNAL Patent: WO 2004003201-A 158 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRLH antisense"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2239 TCTCTGCTGCTGAGGCA 2257
Db 2 TCTCTGCTGCTGCGGTA 20
|||||
|||||

RESULT 1214
CQ761548 20 bp DNA linear PAT 03-MAR-2004
LOCUS CQ761548
DEFINITION Sequence 166 from Patent WO2004003201.
ACCESSION CQ761548
VERSION CQ761548.1 GI:44904784
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kane,C.D.
TITLE Antisense modulation of lrlh expression
JOURNAL Patent: WO 2004003201-A 166 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRLH antisense"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2239 TCTCTGCTGCTGAGGCA 2257
Db 1 TCTCTGCTGCTGCGGTA 19
|||||
|||||

RESULT 1215
CQ761599/c 20 bp DNA linear PAT 03-MAR-2004
LOCUS CQ761599/c
DEFINITION Sequence 217 from Patent WO2004003201.
ACCESSION CQ761599
VERSION CQ761599.1 GI:44904835
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kane,C.D.
TITLE Antisense modulation of lrlh expression

JOURNAL Patent: WO 2004003201-A 217 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRLH antisense"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3436 AGGGCCCTGAGCAGAGCA 3454
Db 19 AGGGCCCTGAGCAACAGCA 1
|||||
|||||

RESULT 1216
CQ761657/c 20 bp DNA linear PAT 03-MAR-2004
LOCUS CQ761657
DEFINITION Sequence 275 from Patent WO2004003201.
ACCESSION CQ761657
VERSION CQ761657.1 GI:44904893
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kane,C.D.
TITLE Antisense modulation of lrlh expression
JOURNAL Patent: WO 2004003201-A 275 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRLH antisense"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4311 GGAGCTCTGCTATCGAGC 4329
Db 19 GGAGCTCTGCTTCAAAAC 1
|||||
|||||

RESULT 1217
CQ761709/c 20 bp DNA linear PAT 03-MAR-2004
LOCUS CQ761709
DEFINITION Sequence 327 from Patent WO2004003201.
ACCESSION CQ761709
VERSION CQ761709.1 GI:44904945
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kane,C.D.
TITLE Antisense modulation of lrlh expression
JOURNAL Patent: WO 2004003201-A 327 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRLH antisense"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4311 GGAGCTGCTATCGAGC 4329
Db 20 GGAGCTGCTTCAAAAC 2

RESULT 1218
LOCUS CQ762153/c 20 bp DNA
DEFINITION Sequence 771 from Patent WO2004003201.
ACCESSION CQ762153
VERSION CQ762153.1 GI:44905389
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kane, C.D.
TITLE Antisense modulation of ltrh1 expression
JOURNAL Patent: WO 2004003201-A 771 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRH1 antisense"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3438 GGCCCTGAGCAGAGAAA 3456
Db 20 GGCCCTGAGCAGAGAAA 2

RESULT 1219
LOCUS CQ762488 20 bp DNA
DEFINITION Sequence 1106 from Patent WO2004003201.
ACCESSION CQ762488
VERSION CQ762488.1 GI:44905724
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kane, C.D.
TITLE Antisense modulation of ltrh1 expression
JOURNAL Patent: WO 2004003201-A 1106 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRH1 antisense"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 615 AGCGCACTCCAGAGCTCT 633
Db 2 AGCGCACTCCAGAGCTCT 20

RESULT 1220
LOCUS CQ762844 20 bp DNA
DEFINITION Sequence 1462 from Patent WO2004003201.

ACCESSION CQ762844
VERSION CQ762844.1 GI:44906080
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kane, C.D.
TITLE Antisense modulation of ltrh1 expression
JOURNAL Patent: WO 2004003201-A 1462 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRH1 antisense"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 615 AGCGCACTCCAGAGCTCT 633
Db 1 AGCGCACTCCAGAGCTCT 19

RESULT 1221
LOCUS CQ763637 20 bp DNA
DEFINITION Sequence 2255 from Patent WO2004003201.
ACCESSION CQ763637
VERSION CQ763637.1 GI:44906873
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kane, C.D.
TITLE Antisense modulation of ltrh1 expression
JOURNAL Patent: WO 2004003201-A 2255 08-JAN-2004;
Pharmacia Corporation (US)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRH1 antisense"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 250 CTGGCCCTGAGACCCATCC 268
Db 2 CTGGCCCTGAGACCCATGC 20

RESULT 1222
LOCUS CQ763887 20 bp DNA
DEFINITION Sequence 2505 from Patent WO2004003201.
ACCESSION CQ763887
VERSION CQ763887.1 GI:44907123
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kane, C.D.
TITLE Antisense modulation of ltrh1 expression
JOURNAL Patent: WO 2004003201-A 2505 08-JAN-2004;
Pharmacia Corporation (US)

FEATURES
source

Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRH1 antisense"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 250 CTGGCCCTGGACCCCATCC 268
Db 1 CTGGCCCTGGTCCCATGC 19

RESULT 1223

LOCUS CQ763961 20 bp DNA linear PAT 03-MAR-2004
DEFINITION Sequence 2579 from Patent WO2004003201.
ACCESSION CQ763961
VERSION CQ763961.1 GI:44907197

KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.

REFERENCE

AUTHORS Kane, C.D.
TITLE Antisense modulation of lrh1 expression
JOURNAL Patent: WO 2004003201-A 2579 08-JAN-2004;
Pharmacia Corporation (US)

FEATURES
source

Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRH1 antisense"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1611 TGTCTTCTACTTGAGCTGC 1629
Db 20 TGTCTTCTATTCAGATAC 2

RESULT 1224

LOCUS CQ767200 20 bp DNA linear PAT 03-MAR-2004
DEFINITION Sequence 28 from Patent WO2004005513.
ACCESSION CQ767200
VERSION CQ767200.1 GI:44909290

KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.

REFERENCE

AUTHORS Besterman, J.M., Li, Z., Delorme, D. and Bonfils, C.
TITLE Methods for specifically inhibiting histone deacetylase-7 and 8
JOURNAL Patent: WO 2004005513-A 28 15-JAN-2004;
Methylgene, Inc. (CA)

FEATURES
source

Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of Combined DNA/RNA Molecule: Synthetic oligonucleotide-Description of Artificial Sequence: Synthetic oligonucleotide"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 570 GAAGAAGAGAGCTGAAG 588
Db 19 GAAGATGAGAGAGCCGAG 1

RESULT 1225

LOCUS CQ767554 20 bp DNA linear PAT 04-MAR-2004
DEFINITION Sequence 21 from Patent EP1386931.
ACCESSION CQ767554
VERSION CQ767554.1 GI:45095671

KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.

REFERENCE
1 Wood, W.I., Goddard, A., Gurney, A., Yuan, J., Baker, K.P. and Chen, J.
AUTHORS Human neurotrophin homologue
JOURNAL Patent: EP 1386931-A 21 04-FEB-2004;
Genentech, Inc. (US)

FEATURES
source

Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Artificial Sequence"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3311 AGCAGAACACCTGATGA 3329
Db 19 AGCAGACCAAGCTGATGA 1

RESULT 1226

LOCUS CQ772754 20 bp DNA linear PAT 04-MAR-2004
DEFINITION Sequence 22 from Patent WO2004011675.
ACCESSION CQ772754
VERSION CQ772754.1 GI:45126387

KEYWORDS
SOURCE
ORGANISM
synthetic construct
artificial sequences.

REFERENCE
1 Fontcuberta Boj, J. and Soria Fernandez, J.M.
AUTHORS Novel allelic variants in the factor vii gene
JOURNAL Patent: WO 2004011675-A 22 05-FEB-2004;
Fundacio privada Institut de recerca de l'hospital de l a santa

FEATURES
source

Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of the Artificial Sequence: SEC.N :22"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2324 TCTCCACCTTCTTGAAGAT 2342
Db 1 TCTCCCGCTCTTGAAGAT 19

RESULT 1227

LOCUS CQ786092 20 bp DNA linear PAT 24-MAR-2004

DEFINITION Sequence 16 from Patent WO2004018711.
ACCESSION CQ786092
VERSION CQ786092.1 GI:45721195
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Ming-Qing D.
TITLE Diagnostic test
JOURNAL Patent: WO 2004018711-A 16 04-MAR-2004;
University College London (GB)
FEATURES
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer for amplification of D3S1566"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1443 TCGAGACATTATGAG 1461
DB 20 TCCAGACATTCTTCAG 2

RESULT 1228
CQ797975 20 bp DNA linear PAT 20-APR-2004
DEFINITION Sequence 15 from Patent WO2004029285.
ACCESSION CQ797975
VERSION CQ797975.1 GI:46426461
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Yousef, G. and Diamandis, E. P.
TITLE Methods for detecting endocrine cancer
JOURNAL Patent: WO 2004029285-A 15 08-APR-2004;
MOUNT SINAI HOSPITAL (CA)
FEATURES
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3697 GTGCCTTCCTGCTCTC 3715
DB 2 GTGCCTTCCTGCTCTC 20

RESULT 1229
E08941/c 20 bp DNA linear PAT 29-SEP-1997
LOCUS E08941
DEFINITION PCR primer for amplifying Epstein-Barr virus.
ACCESSION E08941
VERSION E08941.1 GI:2177045
KEYWORDS JP 1995079776-A/6.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Yamaniishi, K., Kondo, M., Aono, T. and Takarada, Y.
TITLE OLIGONUCLEOTIDE FOR DETECTION OF EPSTEIN-BARR VIRUS (EBV) AND ITS
USE

JOURNAL Patent: JP 1995079776-A 6 28-MAR-1995;
TOYOBO CO LTD
COMMENT
OS None
OC Artificial sequences.
PN JP 1995079776-A/6
PD 28-MAR-1995
PF 16-SEP-1993 JP 1993230396
PI YAMANISHI KOICHI, KONDO MOTOHIRO, AONO TOSHIYA, PI TAKARADA
YUTAKA
PC C12N15/09, C12Q1/70;
CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
CC anti-sense: No;
FH Key
FT source 1..20
/organism="Artificial sequences".
FEATURES
source 1..20
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1750 GATGCTGTAGATGAGCCAG 1768
DB 19 GATGCTGTAGATGAGCCAG 1

RESULT 1230
E12421/c 20 bp DNA linear PAT 27-APR-1998
LOCUS E12421
DEFINITION PCR primer for gaining rat fat gene (ob) cDNA.
ACCESSION E12421
VERSION E12421.1 GI:3251254
KEYWORDS JP 199633394-A/7.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Nakao, I., Ogawa, Y. and Fujisawa, Y.
TITLE RAT OBESITY GENE, ITS GENE PRODUCT AND ITS PRODUCTION
JOURNAL Patent: JP 199633394-A 7 17-DEC-1996;
TAKEDA CHEM IND LTD
OS None
OC Artificial sequences.
PN JP 199633394-A/7
PD 17-DEC-1996
PF 02-APR-1996 JP 1996079916
PR 03-APR-1995 JP 95P 77966
PI NAKAO ICHIKAZU, OGAWA YOSHIHIRO, FUJISAWA YUKIO PC
C07K14/47, C07H21/04, C12N1/21, C12N15/09, C12P21/02//A6IK39/395, PC
(C12N1/21),
PC C12R1/19, (C12P21/02, C12R1/19), (C12P21/02, C12R1/91), CC
strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
CC anti-sense: No;
FH Key
FT source 1..20
/organism="Artificial sequences".
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source 1..20
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2639 CCCTGCAGCTGCTGCA 2657
DB 19 CTTGCAGCTGCTGAGCA 1

RESULT 1231

LOCUS E14023 20 bp DNA linear PAT 28-JUL-1999
DEFINITION Primer.
ACCESSION E14023
VERSION E14023.1 GI:5708706
KEYWORDS JP 1997257798-A/13.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Shimada,K. and Namatame,Y.
TITLE IMMOBILIZATION OF GENE
JOURNAL Patent: JP 1997257798-A 13 03-OCT-1997;
SUMITOMO METAL IND LTD

COMMENT OS None
OC Artificial sequences.
PN JP 1997257798-A/13
PD 03-OCT-1997
PE 19-MAR-1996 JP 1996062885
PI SHIMADA KAZUMORI, NAMATAME YASUOKO
PC G01N33/566,C12N15/09,C12Q1/68;
CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
CC anti-sense: No;
FH Key Location/Qualifiers
FT source 1..20
FT Location/Qualifiers
1..20
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4154 GCTTCTCCCCCTTGGAGT 4172
DB 1 GCTTCTCAGCTTGGCTGT 19

RESULT 1232

LOCUS E25706 20 bp DNA linear PAT 18-JUN-2001
DEFINITION Animal with insufficient expression of beta-caerulein gene.
ACCESSION E25706
VERSION E25706.1 GI:13020667
KEYWORDS JP 1999285332-A/13.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Reiko S. and Koichi,I.
TITLE Animal with insufficient expression of beta-caerulein gene
JOURNAL Patent: JP 1999285332-A 13 19-OCT-1999;
TAKEDA CHEM IND LTD
OS Unidentified
PN JP 1999285332-A/13
PD 19-OCT-1999
PF 16-MAR-1998 JP 1998065852
PR

PI REIKO SASADA, KOICHI IGARASHI
PC A01K67/027,C12N5/10,C12N15/09,G01N33/15,C12N5/00,C12N15/00 CC
Strandedness: Single;
CC Topology: Linear;
FH Key Location/Qualifiers
FT source 1..20
/organism="Unidentified".

FEATURES
source Location/Qualifiers
1..20
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1062 AGCAGTGTGGGAGCTGG 1080
DB 1 AGCAGTGCAGGAGAGCTGG 19

RESULT 1233

LOCUS E37452 20 bp DNA linear PAT 31-JAN-2002
DEFINITION Method for identifying animal hair fiber by DNA.
ACCESSION E37452
VERSION E37452.1 GI:18626704
KEYWORDS JP 2000210084-A/1.
SOURCE Bos sp.
ORGANISM Bos sp.
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Cetartiodactyla; Ruminantia; Pecora; Bovidae;
Bovinae; Bos.

REFERENCE 1 (bases 1 to 20)
AUTHORS Kato,M. and Takeuchi,A.
TITLE Method for identifying animal hair fiber by DNA
JOURNAL Patent: JP 2000210084-A 1 02-AUG-2000;
NIPPON KAGAKU SENI KENSA KYOKAI

COMMENT OS Bos sp. (bovine)
PN JP 2000210084-A/1
PD 02-AUG-2000
PF 25-JAN-1999 JP 1999015616
PR

PI MIKI KATO,AKIO TAKEUCHI
PC C12N15/09,C12Q1/68,G01N33/36,C12N15/00
CC
FH Key Location/Qualifiers
FT source 1..20
FT Location/Qualifiers
1..20
/organism="Bos sp."
/mol_type="genomic DNA"
/db_xref="taxon:29061"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2385 CATTGACCTGTGTTCCAA 2403
DB 1 CATTCTCCTCTGTATCCCA 19

RESULT 1234

LOCUS E37460 20 bp DNA linear PAT 31-JAN-2002
DEFINITION Method for identifying animal meat by DNA.
ACCESSION E37460
VERSION E37460.1 GI:18626712
KEYWORDS JP 2000210085-A/1.
SOURCE Bos sp.

QY 2385 CATTGACCTGTGTTCCAA 2403
DB 1 CATTCTCCTCTGTATCCCA 19

ORGANISM Bos sp.
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Cetartiodactyla; Ruminantia; Pecora; Bovidae;
Bovinae; Bos.
1 (bases 1 to 20)
REFERENCE Kato,M. and Takeuchi,A.
AUTHORS Method for identifying animal meat by DNA
TITLE Patent: JP 2000210085-A 1 02-AUG-2000;
JOURNAL NIPPON KAGAKU SENI KENSA KYOKAI
COMMENT OS Bos sp. (bovine)
PN JP 2000210085-A/1
PD 02-AUG-2000
PF 25-JAN-1999 JP 1999015617
PR MIKI KATO AKIO TAKEUCHI
PI C12N15/09,C12Q1/68,G01N33/12,C12N15/00
CC
FH Key Location/Qualifiers
FT source 1..20
FEATURES Location/Qualifiers
source 1..20
/organism="Bos sp."
/mol_type="genomic DNA"
/db_xref="taxon:29061"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2385 CATTGACCTGTTTCCAA 2403
Db 1 CATTCTCTCTGTACC CA 19

RESULT 1235
ES9323/c 20 bp DNA linear PAT 31-JAN-2002
LOCUS Method for purifying oligonucleotide.
DEFINITION ES9323
ACCESSION ES9323.1 GI:18622500
KEYWORDS JP 2000342265-A/4.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
AUTHORS Hirose,K. and Yoshida,T.
TITLE Method for purifying oligonucleotide
JOURNAL Patent: JP 2000342265-A 4 12-DEC-2000;
TOGOSEI CHEM IND CO LTD
COMMENT OS Artificial Sequence
PN JP 2000342265-A/4
PD 12-DEC-2000
PF 02-JUN-1999 JP 1999154974
PR KUNIHICO HIROSE TADAO YOSHIDA
PI C12N15/09,B01D15/08,C12N15/00
CC
FH Key Location/Qualifiers
FT source 1..20
FEATURES Location/Qualifiers
source 1..20
/organism="Artificial Sequence".
/mol_type="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 849 CCAACCCACTCCACGCA 867
Db 1 CCAACCCACTCCACGCA 867

Db 19 CCCTCCACCTCCGCCGA 1

RESULT 1236
ES9328 20 bp DNA linear PAT 31-JAN-2002
LOCUS Method for purifying oligonucleotide.
DEFINITION ES9328
ACCESSION ES9328.1 GI:18622505
KEYWORDS JP 2000342265-A/9
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
AUTHORS Hirose,K. and Yoshida,T.
TITLE Method for purifying oligonucleotide
JOURNAL Patent: JP 2000342265-A 9 12-DEC-2000;
TOGOSEI CHEM IND CO LTD
COMMENT OS Artificial Sequence
PN JP 2000342265-A/9
PD 12-DEC-2000
PF 02-JUN-1999 JP 1999154974
PR KUNIHICO HIROSE TADAO YOSHIDA
PI C12N15/09,B01D15/08,C12N15/00
CC
FH Key Location/Qualifiers
FT source 1..20
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5392 TAAAAAATACAAAAAGA 5410
Db 1 TAAAAAATACAAAAAGA 19

RESULT 1237
I24316/c 20 bp DNA linear PAT 07-OCT-1996
LOCUS Sequence 11 from patent US 5543294.
DEFINITION I24316
ACCESSION I24316
VERSION I24316.1 GI:1604186
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Silverstein,S.J., Iungu,O. and Wright,T.C. Jr.
TITLE Polymerase chain reaction/restriction fragment length polymorphism
JOURNAL method for the detection and typing of mycobacteria
PATENT: US 5543294-A 11 06-AUG-1996;
COMMENT OS Artificial Sequence
PN JP 5543294-A 11 06-AUG-1996;
PD 11-DEC-2000
PF 02-JUN-1999 JP 1999154974
PR KUNIHICO HIROSE TADAO YOSHIDA
PI C12N15/09,B01D15/08,C12N15/00
CC
FH Key Location/Qualifiers
FT source 1..20
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="synthetic construct"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1840 CTGGCGAGTTGCTGGCGA 1858
Db 20 CTGGCGAGTTGCTGGCGA 2

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RESULT 1238
LOCUS      I32964      20 bp      DNA      linear      PAT 06-FEB-1997
DEFINITION Sequence 11 from patent US 5589570.
ACCESSION  I32964
VERSION     I32964.1  GI:1823755
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 20)
AUTHORS     Tamura,R.N. and Quaranta,V.
TITLE       Integrin alpha subunit cytoplasmic domain polypeptides and methods
JOURNAL     Patent: US 5589570-A 11 31-DEC-1996;
            Location/Qualifiers
FEATURES
    source          /organism="unknown"
                   /mol_type="unassigned DNA"

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2986  CACTCTGCAGTGAAGAGTC 3004
Db      19    CACGCTACAGTTAAGAGTC 1

RESULT 1239
LOCUS      I41460      20 bp      DNA      linear      PAT 13-MAY-1997
DEFINITION Sequence 57 from patent US 5625136.
ACCESSION  I41460
VERSION     I41460.1  GI:2082050
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 20)
AUTHORS     Koziele,M.G., Desai,N.M., Lewis,K.S., Kramer,V.C., Warren,G.W.,
            Evoila,S.V., Crossland,L.D., Wright,M.S., Merlin,E.J., Launis,K.L.,
            Rothstein,S.J., Bowman,C.G., Dawson,J.L., Dunder,E.M., Pace,G.M.,
            and Suttie,J.L.
TITLE       Synthetic DNA sequence having enhanced insecticidal activity in
            maize
JOURNAL     Patent: US 5625136-A 57 29-APR-1997;
            Location/Qualifiers
FEATURES
    source          /organism="unknown"
                   /mol_type="unassigned DNA"

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      3113  ACCAGACCTGACCGAGCT 3131
Db      2     ACGTGACCTGACCGTGT 20

RESULT 1240
LOCUS      I79718      20 bp      DNA      linear      PAT 10-JUN-1998
DEFINITION Sequence 13 from patent US 5707863.
ACCESSION  I79718
VERSION     I79718.1  GI:3208008
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 20)
AUTHORS     Trofatter,J.A., MacCollin,M.M. and Guseella,J.F.
TITLE       Tumor suppressor gene merlin

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JOURNAL     Patent: US 5707863-A 13 13-JAN-1998;
            Location/Qualifiers
FEATURES
    source          /organism="unknown"
                   /mol_type="unassigned DNA"

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1549  CTGGCCAGGAGTGAAGG 1567
Db      20    CAGCCAGGAGAGAGAGG 2

RESULT 1241
LOCUS      AR193138/c  20 bp      DNA      linear      PAT 20-APR-2002
DEFINITION Sequence 23 from patent US 6346416.
ACCESSION  AR193138
VERSION     AR193138.1  GI:20239103
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 20)
AUTHORS     Dean,N.M. and Cowsett,L.M.
TITLE       Antisense inhibition of Hpk/GCK-like kinase expression
JOURNAL     Patent: US 6346416-A 23 12-FEB-2002;
            Location/Qualifiers
FEATURES
    source          /organism="unknown"
                   /mol_type="unassigned DNA"

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5123  GCMAAGAGGATGAGAGG 5141
Db      20    GCMAAGAGGATGAGAGG 2

RESULT 1242
LOCUS      AR207161/c  20 bp      DNA      linear      PAT 20-JUN-2002
DEFINITION Sequence 55 from patent US 6372492.
ACCESSION  AR207161
VERSION     AR207161.1  GI:21505985
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 20)
AUTHORS     Bennett,C.Frank. and Cowsett,L.M.
TITLE       Antisense modulation of talin expression
JOURNAL     Patent: US 6372492-A 55 16-APR-2002;
            Location/Qualifiers
FEATURES
    source          /organism="unknown"
                   /mol_type="unassigned DNA"

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      3979  GACATCAAGCTGAGCCTG 3997
Db      20    GCCATCAAGCTGAGCCTG 2

RESULT 1243
LOCUS      AR208115

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LOCUS AR208115 20 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 33 from patent US 6379960.
ACCESSION AR208115
VERSION AR208115.1 GI:21508047
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
TITLE Popoff, I. and Wyatt, J.
JOURNAL Antisense modulation of damage-specific DNA binding protein 2, p48
FEATURES
source Patent: US 6379960-A 33 30-APR-2002;
1..20
Location/Qualifiers
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4151 CCAGCTTCTCCCCCTTGGG 4169
DB 2 CCAGCGTGTCCCCCATGGG 20

RESULT 1244
AR208839 20 bp DNA linear PAT 20-JUN-2002
LOCUS AR208839
DEFINITION Sequence 48 from patent US 6383809.
ACCESSION AR208839
VERSION AR208839.1 GI:21510098
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
TITLE Bennett, C. Frank, and Cowart, L. M.
JOURNAL Antisense inhibition of cytohesin-1 expression
FEATURES
source Patent: US 6383809-A 48 07-MAY-2002;
1..20
Location/Qualifiers
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3759 CTGGGCCCCCAGCGGCGCT 3777
DB 1 CTGAGCGCTCCACATGGGCGCT 19

RESULT 1245
AR208852 20 bp DNA linear PAT 20-JUN-2002
LOCUS AR208852
DEFINITION Sequence 61 from patent US 6383809.
ACCESSION AR208852
VERSION AR208852.1 GI:21510114
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
TITLE Bennett, C. Frank, and Cowart, L. M.
JOURNAL Antisense inhibition of cytohesin-1 expression
FEATURES
source Patent: US 6383809-A 61 07-MAY-2002;
1..20
Location/Qualifiers
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4767 CTGGAGAAAGGCAGCAAA 4785
DB 2 CTGAGAGAAAGGCAGCAAA 20

RESULT 1246
AR212121 20 bp DNA linear PAT 20-JUN-2002
LOCUS AR212121
DEFINITION Sequence 88 from patent US 6399379.
ACCESSION AR212121
VERSION AR212121.1 GI:21515622
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
TITLE Baker, B. F. and Freier, S. M.
JOURNAL Antisense modulation of interleukin 12 p35 subunit expression
FEATURES
source Patent: US 6399379-A 88 04-JUN-2002;
1..20
Location/Qualifiers
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4602 TGGACAGGTGCTGAGCCAG 4620
DB 2 TGGACACATGTGAGCCGG 20

RESULT 1247
AR215945 20 bp DNA linear PAT 25-SEP-2002
LOCUS AR215945
DEFINITION Sequence 86 from patent US 6410325.
ACCESSION AR215945
VERSION AR215945.1 GI:23314201
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
TITLE Bennett, C. F., Freier, S. M. and Watt, A. T.
JOURNAL Antisense modulation of phospholipase A2, group VI
FEATURES
source Patent: US 6410325-A 86 25-JUN-2002;
1..20
Location/Qualifiers
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 147 CCAGACCCAGAGAGGGA 165
DB 20 CCAGGCCGAGAGAGGGA 2

RESULT 1248
AR216034 20 bp DNA linear PAT 25-SEP-2002
LOCUS AR216034
DEFINITION Sequence 81 from patent US 6410518.
ACCESSION AR216034
VERSION AR216034.1 GI:23314322

KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Monia,B.P.
TITLE Antisense oligonucleotide inhibition of raf gene expression
JOURNAL Patent: US 6410518-A 81 25-JUN-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 663 GACGAGTGGCATGGAGGTG 661
Db 19 GGCAAGTGGCATGGAGATG 1

RESULT 1249

LOCUS AR221061 20 bp DNA linear PAT 26-SEP-2002
DEFINITION Sequence 114 from patent US 6426188.
ACCESSION AR221061
VERSION AR221061.1 GI:23327946
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Wyatt,J.
TITLE Antisense modulation of phosphorylase kinase alpha 1 expression
JOURNAL Patent: US 6426188-A 114 30-JUL-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1739 TCTTCATCTCGATGGTGT 1757
Db 1 TCTTCATCCAGCATGTGT 19

RESULT 1250

LOCUS AR224756/c 20 bp DNA linear PAT 26-SEP-2002
DEFINITION Sequence 61 from patent US 6440739.
ACCESSION AR224756
VERSION AR224756.1 GI:23333596
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Bennett,C.F. and Freiler,S.M.
TITLE Antisense modulation of glioma-associated oncogene-2 expression
JOURNAL Patent: US 6440739-A 61 27-AUG-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4965 GTCCATGCCAGGATGCCA 4983
Db 19 GGCCATGCCATGGCTGCCA 1

RESULT 1251

LOCUS AR226079 20 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 142 from patent US 6444465.
ACCESSION AR226079
VERSION AR226079.1 GI:27264233
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Wyatt,J. and Freiler,S.M.
TITLE Antisense modulation of Her-1 expression
JOURNAL Patent: US 6444465-A 142 03-SEP-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4792 CTCTGCGCACTCAGCAGCT 4810
Db 2 CTCTGCGACCCCGCAGCT 20

RESULT 1252

LOCUS AR228956/c 20 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 56 from patent US 6448080.
ACCESSION AR228956
VERSION AR228956.1 GI:27268098
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Ward,D.T. and Walt,A.T.
TITLE Antisense modulation of WRN expression
JOURNAL Patent: US 6448080-A 56 10-SEP-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3898 GAGATGAATTCTGTGTGT 3916
Db 19 GAGATGAATTCAATGTGT 1

RESULT 1253

LOCUS AR231290/c 20 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 27 from patent US 6451968.
ACCESSION AR231290
VERSION AR231290.1 GI:27272221
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Egholm,M., Nielsen,P., Buchardt,O., Dueholm,K.L., Christensen,L.,

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

TITLE Coull,J.M., Kieley,J. and Griffith,M.
JOURNAL Peptide nucleic acids
Patent: US 6451968-A 27 17-SEP-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1190 AGAGAGAGAAATCAGAGAA 1208
DB 19 AGAGAGAGAAAGAGAGAGAA 1

RESULT 1254
LOCUS AR231291 20 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 28 from patent US 6451968.
ACCESSION AR231291
VERSION AR231291.1 GI:27272222
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)
AUTHORS Egholm,M., Nielsen,P., Buchardt,O., Dueholm,K.L., Christensen,L.,
Coull,J.M., Kieley,J. and Griffith,M.
TITLE Peptide nucleic acids
JOURNAL Patent: US 6451968-A 28 17-SEP-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1190 AGAGAGAGAAATCAGAGAA 1208
DB 19 AGAGAGAGAAAGAGAGAGAA 1

RESULT 1255
LOCUS AR231292 20 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 29 from patent US 6451968.
ACCESSION AR231292
VERSION AR231292.1 GI:27272223
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)
AUTHORS Egholm,M., Nielsen,P., Buchardt,O., Dueholm,K.L., Christensen,L.,
Coull,J.M., Kieley,J. and Griffith,M.
TITLE Peptide nucleic acids
JOURNAL Patent: US 6451968-A 29 17-SEP-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1190 AGAGAGAGAAATCAGAGAA 1208
DB 19 AGAGAGAGAAAGAGAGAGAA 1

RESULT 1256
LOCUS AR231293 20 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 30 from patent US 6451968.
ACCESSION AR231293
VERSION AR231293.1 GI:27272224
KEYWORDS
SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)
AUTHORS Egholm,M., Nielsen,P., Buchardt,O., Dueholm,K.L., Christensen,L.,
Coull,J.M., Kieley,J. and Griffith,M.
TITLE Peptide nucleic acids
JOURNAL Patent: US 6451968-A 30 17-SEP-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1190 AGAGAGAGAAATCAGAGAA 1208
DB 19 AGAGAGAGAAAGAGAGAGAA 1

RESULT 1257
LOCUS AR231324 20 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 63 from patent US 6451968.
ACCESSION AR231324
VERSION AR231324.1 GI:27272255
KEYWORDS
SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)
AUTHORS Egholm,M., Nielsen,P., Buchardt,O., Dueholm,K.L., Christensen,L.,
Coull,J.M., Kieley,J. and Griffith,M.
TITLE Peptide nucleic acids
JOURNAL Patent: US 6451968-A 63 17-SEP-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1190 AGAGAGAGAAATCAGAGAA 1208
DB 19 AGAGAGAGAAAGAGAGAGAA 1

RESULT 1258
LOCUS AR233429 20 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 58 from patent US 6458532.
ACCESSION AR233429
VERSION AR233429.1 GI:27276020
KEYWORDS
SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)
AUTHORS Deletera-Wadleigh,S.D., Yoshikawa,T., Sanders,A.R. and Esterling,L.E.
TITLE Polynucleotides encoding IMP 18p myo-inositol monophosphatase and

JOURNAL methods of detecting said polynucleotides
 Patent: US 6458532-A 58 01-OCT-2002;
 FEATURES Location/Qualifiers
 source 1..20
 /organism="unknown"
 /mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 7.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4899 CCATCTGCTTGGCTTCCA 4917
 DB 20 CCCTCTGTTTTCCTTCCA 2

RESULT 1259

LOCUS AR233647 20 bp DNA linear PAT 20-DEC-2002
 DEFINITION Sequence 9 from patent US 6458536.
 ACCESSION AR233647
 VERSION AR233647.1 GI:27276271
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Gatti,R.A.
 TITLE Modified SSCP method using sequential electrophoresis of multiple
 JOURNAL nucleic acid segments
 Patent: US 6458536-A 9 01-OCT-2002;
 FEATURES Location/Qualifiers
 source 1..20
 /organism="unknown"
 /mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 7.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 316 CTGGGCTCTCCCTCCCT 334
 DB 19 CTTGACTCTCCCTCTCT 1

RESULT 1260

LOCUS AR237490 20 bp DNA linear PAT 20-DEC-2002
 DEFINITION Sequence 22 from patent US 6465629.
 ACCESSION AR237490
 VERSION AR237490.1 GI:27282240
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Wong,A.K.C., Tavtigian,S.V. and Teng,D.H.F.
 TITLE BRG1 is a tumor suppressor that is mutated in prostate and other
 JOURNAL cancer types
 Patent: US 6465629-A 22 15-OCT-2002;
 FEATURES Location/Qualifiers
 source 1..20
 /organism="unknown"
 /mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 7.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3283 AGCCCCAGCCTGAAGAGC 3301
 DB 1 AGCCTTGCCCTGAAGAGC 19

RESULT 1261

LOCUS AR241047 20 bp DNA linear PAT 20-DEC-2002
 DEFINITION Sequence 18 from patent US 6468796.
 ACCESSION AR241047
 VERSION AR241047.1 GI:27286264
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Watt,A.T.
 TITLE Antisense modulation of bifunctional apoptosis regulator expression
 JOURNAL Patent: US 6468796-A 18 22-OCT-2002;
 FEATURES Location/Qualifiers
 source 1..20
 /organism="unknown"
 /mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 7.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1640 CCCAGTCCAGGTGGTGAG 1658
 DB 2 CACAGTTCAGGTGGTGAG 20

RESULT 1262

LOCUS AR241075 20 bp DNA linear PAT 20-DEC-2002
 DEFINITION Sequence 46 from patent US 6468796.
 ACCESSION AR241075
 VERSION AR241075.1 GI:27286292
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Watt,A.T.
 TITLE Antisense modulation of bifunctional apoptosis regulator expression
 JOURNAL Patent: US 6468796-A 46 22-OCT-2002;
 FEATURES Location/Qualifiers
 source 1..20
 /organism="unknown"
 /mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 7.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2674 TCCCTCCACTGCTGTAGC 2692
 DB 1 TCTCTCAGCTGCTTCACG 19

RESULT 1263

LOCUS AR257222 20 bp DNA linear PAT 20-DEC-2002
 DEFINITION Sequence 77 from patent US 6485974.
 ACCESSION AR257222
 VERSION AR257222.1 GI:27307006
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Popoff,I.
 TITLE Antisense modulation of PTPN2 expression
 JOURNAL Patent: US 6485974-A 77 26-NOV-2002;
 FEATURES Location/Qualifiers
 source 1..20

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/organism="unknown"
/mol_type="genomic DNA"

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1846 AGTTGCTGGGGAACCTA 1864
Db      2  AGCTTGCTGGGCAAAATTA 20

RESULT 1264
LOCUS      AR271204
DEFINITION Sequence 147 from patent US 6503152.
ACCESSION  AR271204
VERSION     AR271204.1 GI:29702507
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 20)
AUTHORS     Pelz,D.T.
TITLE       Putting trainer
JOURNAL     Patent: US 6503152-A 147 07-JAN-2003;
FEATURES
SOURCE
1. .20
/organism="unknown"
/mol_type="genomic DNA"

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4684 TTGAGCCAGTCTCTGGACC 4702
Db      20 TTGACCGAGTCTGGGACC 2

RESULT 1265
LOCUS      AR279834
DEFINITION Sequence 31 from patent US 6518018.
ACCESSION  AR279834
VERSION     AR279834.1 GI:29714979
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 20)
AUTHORS     Szostak,J.W. and Roberts,R.W.
TITLE       RNA-antibody fusions and their selection
JOURNAL     Patent: US 6518018-A 31 11-FEB-2003;
FEATURES
SOURCE      1. .20
/mol_type="genomic DNA"
/organism="unknown"

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5397 AAATACAAAAAGAAAAA 5415
Db      19 AAATACCAAAAAA 1

RESULT 1266
LOCUS      AR293020
DEFINITION Sequence 4755 from patent US 6537751.
ACCESSION  AR293020
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VERSION      AR293020.1 GI:31680304
KEYWORDS
SOURCE
ORGANISM     Unknown.
REFERENCE    1 (bases 1 to 20)
AUTHORS      Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE        Ballelic markers for use in constructing a high density
JOURNAL      Patent: US 6537751-A 4755 25-MAR-2003;
FEATURES
SOURCE      1. .20
/mol_type="genomic DNA"
/organism="unknown"

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1191 GAGAGAAATCAGAGAA 1209
Db      19 GAAAGAAATCTGTGAA 1

RESULT 1267
LOCUS      AR295317
DEFINITION Sequence 7052 from patent US 6537751.
ACCESSION  AR295317
VERSION     AR295317.1 GI:31682601
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 20)
AUTHORS     Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE       Ballelic markers for use in constructing a high density
JOURNAL     Patent: US 6537751-A 7052 25-MAR-2003;
FEATURES
SOURCE      1. .20
/mol_type="genomic DNA"
/organism="unknown"

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4874 AGTTCTTCTCTGCAAC 4892
Db      19 ACTTCTTCTCTGTAAAC 1

RESULT 1268
LOCUS      AR300294
DEFINITION Sequence 96 from patent US 6537775.
ACCESSION  AR300294
VERSION     AR300294.1 GI:31687713
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 20)
AUTHORS     Tourlier-Lasserre,E., Joutel,A., Bousser,M.-G. and Bach,J.-F.
TITLE       Gene involved in cadasil, method of diagnosis and therapeutic
JOURNAL     Patent: US 6537775-A 96 25-MAR-2003;
FEATURES
SOURCE      1. .20
/mol_type="genomic DNA"
/organism="unknown"
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Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4206 CATTCCCGTCACTCTGTG 4224
DB 2 CATTCGCACCCCTCTGTG 20

RESULT 1269
AR301007 AR301007 20 bp DNA linear PAT 12-JUN-2003
LOCUS AR301007 Sequence 64 from patent US 6538108.
ACCESSION AR301007
VERSION AR301007.1 GI:31688697
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS LisRay, R.M., Bronner, C.E., Baker, S.M., Bollag, R.J. and Kolodner, R.D.
TITLE Compositions and methods relating to DNA mismatch repair genes
JOURNAL Patent: US 6538108-A 64 25-MAR-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 335 GGCTTTCTCTACCACTCCC 353
DB 2 GGCTTTCTCTCCCTCCC 20

RESULT 1270
AR307819/c AR307819 20 bp DNA linear PAT 12-JUN-2003
LOCUS AR307819 Sequence 30 from patent US 6551826.
ACCESSION AR307819
VERSION AR307819.1 GI:31698575
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Watt, A.T.
TITLE Antisense modulation of raiid expression
JOURNAL Patent: US 6551826-A 30 22-APR-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4624 CAGTACGAGAGGCTGTG 4642
DB 19 CAGTGCACAGGGAGCTGG 1

RESULT 1271
AR311370 AR311370 20 bp DNA linear PAT 12-JUN-2003
LOCUS AR311370 Sequence 1907 from patent US 6559294.
ACCESSION AR311370
VERSION AR311370.1 GI:31704796
KEYWORDS

SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Griffiths, R., Hoiseeth, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A., Sankaran, B. and Fletcher, L.D.
TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 1907 06-MAY-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3306 CCTGCAGCAGAACCACTG 3324
DB 2 CCGCAGCAGAACTCCCTG 20

RESULT 1272
AR313845 AR313845 20 bp DNA linear PAT 12-JUN-2003
LOCUS AR313845 Sequence 4382 from patent US 6559294.
ACCESSION AR313845
VERSION AR313845.1 GI:31707271
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Griffiths, R., Hoiseeth, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A., Sankaran, B. and Fletcher, L.D.
TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 4382 06-MAY-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3703 TCTCTGCTCTCAAGGG 3721
DB 1 TCTCTGCTTATCAAGTG 19

RESULT 1273
AR313938 AR313938 20 bp DNA linear PAT 12-JUN-2003
LOCUS AR313938 Sequence 4475 from patent US 6559294.
ACCESSION AR313938
VERSION AR313938.1 GI:31707364
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Griffiths, R., Hoiseeth, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A., Sankaran, B. and Fletcher, L.D.
TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 4475 06-MAY-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4843 CCTGGCTTGGCTGACCT 4861
Db 1 CCTGGCTTGGCTGACTCT 19

RESULT 1274
AR314041 AR314041 20 bp DNA PAT 12-JUN-2003
DEFINITION Sequence 4578 from patent US 6559294.
ACCESSION AR314041
VERSION AR314041.1 GI:31707467
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE 1 (bases 1 to 20)
AUTHORS Griffais,R., Hoiseeth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 4578 06-MAY-2003;
FEATURES
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2773 CTCTTAGTGTGCACTTCT 2791
Db 2 CTGTAGGTGGCACTTCT 20

RESULT 1275
AR314999/c AR314999 20 bp DNA PAT 12-JUN-2003
DEFINITION Sequence 5536 from patent US 6559294.
ACCESSION AR314999
VERSION AR314999.1 GI:31708425
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE 1 (bases 1 to 20)
AUTHORS Griffais,R., Hoiseeth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 5536 06-MAY-2003;
FEATURES
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5244 CAGAGCAAGCCAAAGAG 5262
Db 19 CAGAGCTAGCAAAAGAG 1

RESULT 1276
AR315770 AR315770 20 bp DNA PAT 12-JUN-2003
DEFINITION Sequence 6307 from patent US 6559294.
ACCESSION AR315770
VERSION AR315770.1 GI:31709196
KEYWORDS
SOURCE Unknown.

ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Griffais,R., Hoiseeth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 6307 06-MAY-2003;
FEATURES
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4543 TATCGAGCAGCTGATAG 4561
Db 2 TGTGAGAGCAGCTTAAG 20

RESULT 1277
AR315919 AR315919 20 bp DNA PAT 12-JUN-2003
DEFINITION Sequence 6456 from patent US 6559294.
ACCESSION AR315919
VERSION AR315919.1 GI:31709345
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE 1 (bases 1 to 20)
AUTHORS Griffais,R., Hoiseeth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 6456 06-MAY-2003;
FEATURES
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2948 ACCTGAGAGCTGACCT 2966
Db 2 ACCTTAGAGAGCTGTACT 20

RESULT 1278
AR316062 AR316062 20 bp DNA PAT 12-JUN-2003
DEFINITION Sequence 6599 from patent US 6559294.
ACCESSION AR316062
VERSION AR316062.1 GI:31709488
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE 1 (bases 1 to 20)
AUTHORS Griffais,R., Hoiseeth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 6599 06-MAY-2003;
FEATURES
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4846 GGCTTTGCTGACCTTCT 4864
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Db 1 GGCTTTGACGACCTTTT 19

RESULT 1279
AR317355
LOCUS AR317355 20 bp DNA linear PAT 17-AUG-2003
DEFINITION Sequence 7 from patent US 6562355.
ACCESSION AR317355
VERSION AR317355.1 GI:33698449
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Iehizuka,T., Iehiguro,T. and Satoh,J.
TITLE Oligonucleotides for detection of Vibrio parahaemolyticus and detection method for Vibrio parahaemolyticus using the same oligonucleotides
JOURNAL Patent: US 6562955-A 7 13-MAY-2003;
FEATURES
source Location/Qualifiers
1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 150 GGACCCAGAGAGGAGAGA 168
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Db 2 GGACCCAGAGAGAGAGAAA 20

RESULT 1280
AR337708
LOCUS AR337708 20 bp DNA linear PAT 17-AUG-2003
DEFINITION Sequence 43 from patent US 6566514.
ACCESSION AR337708
VERSION AR337708.1 GI:33724276
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Wright,J.A., Young,A.H. and Lee,Y.S.
TITLE Oligonucleotide sequences complementary to thioredoxin or thioredoxin reductase genes and methods of using same to modulate cell growth
JOURNAL Patent: US 6566514-A 43 20-MAY-2003;
FEATURES
source Location/Qualifiers
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/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 294 TTCCAGTGTCTTGACGACC 312
|||||
Db 2 TTCCAGAGTCTTGACGGC 20

RESULT 1281
AR350285
LOCUS AR350285 20 bp DNA linear PAT 17-AUG-2003
DEFINITION Sequence 62 from patent US 6586245.
ACCESSION AR350285
VERSION AR350285.1 GI:33751256
KEYWORDS

SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Bennett,C.F., Baker,B.F., Wyatt,J. and Davis,S.E.
TITLE Antisense modulation of Cp40 ligand expression
JOURNAL Patent: US 6586245-A 62 01-JUL-2003;
FEATURES
source Location/Qualifiers
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/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1180 AGAGAAAGAGAGAGAGA 1198
|||||
Db 2 AGAGAGTGGAGAGAGAGA 20

RESULT 1282
AR359520
LOCUS AR359520 20 bp DNA linear PAT 17-AUG-2003
DEFINITION Sequence 113 from patent US 6593305.
ACCESSION AR359520
VERSION AR359520.1 GI:33766243
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Wright,J.A.
TITLE Antitumor antisense sequences directed against R1 and R2 components of ribonucleotide reductase
JOURNAL Patent: US 6593305-A 113 15-JUL-2003;
FEATURES
source Location/Qualifiers
1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4802 TCAGCAGCTGAGATCA 4820
|||||
Db 2 TCAGCAGCCAGAGATCTA 20

RESULT 1283
AR363561
LOCUS AR363561/c 20 bp DNA linear PAT 03-SEP-2003
DEFINITION Sequence 29 from patent US 5219727.
ACCESSION AR363561
VERSION AR363561.1 GI:34425381
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Wang,A.M., Doyle,M.V. and Mark,D.F.
TITLE Quantitation of nucleic acids using the polymerase chain reaction
JOURNAL Patent: US 5219727-A 29 15-JUN-1993;
FEATURES
source Location/Qualifiers
1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4289 ACTGCTCATTCGAGAGA 4307
DB 19 ACTGTCACATCCGAGAGA 1

RESULT 1284

AR373486/c 20 bp DNA linear PAT 18-DEC-2003
LOCUS AR373486 Sequence 56 from patent US 6602713.
DEFINITION AR373486
ACCESSION AR373486
VERSION AR373486.1 GI:40075615
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Wyatt,J.
TITLE Antisense modulation of protein phosphatase 2 catalytic subunit
JOURNAL Patent: US 6602713-A 56 05-AUG-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5230 TACAGAGAGTCTACAGA 5248
DB 19 TACAGAGAGTCTACATGA 1

RESULT 1285

AR373728 20 bp DNA linear PAT 18-DEC-2003
LOCUS AR373728 Sequence 120 from patent US 6602857.
DEFINITION AR373728
ACCESSION AR373728
VERSION AR373728.1 GI:40076139
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Cowser,J.M., Wyatt,J., Monia,B.P., Butler,M.M. and McKay,R.
TITLE Antisense modulation of PTP1B expression
JOURNAL Patent: US 6602857-A 120 05-AUG-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 196 TGCCCAACCCCATCTCCC 214
DB 1 TGCTCCCAACCATCTCCC 19

RESULT 1286

AR373729 20 bp DNA linear PAT 18-DEC-2003
LOCUS AR373729 Sequence 121 from patent US 6602857.
DEFINITION AR373729
ACCESSION AR373729
VERSION AR373729.1 GI:40076140
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)

AUTHORS Cowser,J.M., Wyatt,J., Monia,B.P., Butler,M.M. and McKay,R.
TITLE Antisense modulation of PTP1B expression
JOURNAL Patent: US 6602857-A 121 05-AUG-2003;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 196 TGCCCAACCCCATCTCCC 214
DB 2 TGCTCCCAACCATCTCCC 20

RESULT 1287
AR475664 20 bp DNA linear PAT 20-FEB-2004
LOCUS AR475664 Sequence 31 from patent US 6692960.
DEFINITION AR475664
ACCESSION AR475664
VERSION AR475664.1 GI:42715147
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Bennett,C.F. and Freier,S.M.
TITLE Antisense modulation of sphingosine-1-phosphate lyase expression
JOURNAL Patent: US 6692960-A 31 17-FEB-2004;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2655 GCAGCCCACTCTCTGAG 2673
DB 2 GGAGCCCAATTTCTGAG 20

RESULT 1288
AR478354 20 bp mRNA linear PAT 14-MAY-2004
LOCUS AR478354 Sequence 71 from patent US 6699663.
DEFINITION AR478354
ACCESSION AR478354
VERSION AR478354.1 GI:47237006
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Fishman,J.A.
TITLE Molecular sequence of swine retrovirus
JOURNAL Patent: US 6699663-A 71 02-MAR-2004;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="mRNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3559 CAGAGACTCGATCAGAGA 3577
DB 1 CAGAGACTCGAGACAGAGA 19

RESULT 1289
AR488803/c
LOCUS AR488803 20 bp DNA linear PAT 15-MAY-2004
DEFINITION Sequence 4 from patent US 6709817.
ACCESSION AR488803
VERSION AR488803.1 GI:47255001
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Zoghbi,H.Y., Van den Veyver,I.B., Amir,R. and Francke,U.
TITLE Method of screening Rett syndrome by detecting a mutation in MECP2
JOURNAL Patent: US 6709817-A 4 23-MAR-2004;
FEATURES
source Location/Qualifiers
1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3485 AACCAAGTGTGATGACCCC 3503
DB 19 ACCCATGTATGATGACCCC 1

RESULT 1290
AR492701
LOCUS AR492701 20 bp DNA linear PAT 15-MAY-2004
DEFINITION Sequence 71 from patent US 6716975.
ACCESSION AR492701
VERSION AR492701.1 GI:47262215
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Wyatt,J.
TITLE Antisense modulation of EDG1 expression
JOURNAL Patent: US 6716975-A 71 06-APR-2004;
FEATURES
source Location/Qualifiers
1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5142 ACATGACACCATTTGGCTC 5160
DB 1 ACATGACACCATTTGGCTC 19

RESULT 1291
AR493268/c
LOCUS AR493268 20 bp DNA linear PAT 15-MAY-2004
DEFINITION Sequence 300 from patent US 6720137.
ACCESSION AR493268
VERSION AR493268.1 GI:47264863
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Roder,M., Plaschke,J. and Ganai,M.
TITLE Microsatellite markers for plants of the species Triticum aestivum
and Triticum dicoccoides and the use of said markers
JOURNAL Patent: US 6720137-A 300 13-APR-2004;
FEATURES
source Location/Qualifiers
1..20

/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 880 TGGATTCATGAAATTCGCG 898
DB 19 TGGATTCATGAAATTCGCG 1

RESULT 1292
AR495009
LOCUS AR495009 20 bp DNA linear PAT 15-MAY-2004
DEFINITION Sequence 57 from patent US 6720488.
ACCESSION AR495009
VERSION AR495009.1 GI:47270393
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Koziel,M., Desai,N., Pace,G.M., Suttie,J., Carozzi,N., Boyce,C.,
Dawson,J.L., Dunder,E., Wright,M., Launis,K., Rothstein,S.J.,
Lewis,K., Warren,G. and Evola,S.
TITLE Transgenic maize seed and method for controlling insect pests
JOURNAL Patent: US 6720488-A 57 13-APR-2004;
FEATURES
source Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3113 ACCAGACCTGACCGAGCT 3131
DB 2 AGCTGACCTGACCGAGCT 20

RESULT 1293
AX007154/c
LOCUS AX007154 20 bp DNA linear PAT 06-SEP-2000
DEFINITION Sequence 4 from Patent WO0000638.
ACCESSION AX007154
VERSION AX007154.1 GI:9995045
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Kok,W., Sillekens,P.T. and Van Deursen,P.B.
TITLE Tagging of rna amplicons generated by transcription-based
amplification
JOURNAL Patent: WO 0000638-A 4 06-JAN-2000;
DEURSEN PETRUS BERNARDUS HUGO (NL); AKZO NOBEL NV (NL); KOK WESSEL
(NL); SILLEKENS PETER THEODORUS GERA (NL)
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic oligonucleotide"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4493 CCGTACCTTCACCTCTGGA 4511
DB 20 CCGTACCTTCACCTCTGGA 2

RESULT 1294
AX041072/c 20 bp DNA linear PAT 23-NOV-2000
LOCUS Sequence 15 from Patent WO0065098.
DEFINITION AX041072
ACCESSION AX041072
VERSION AX041072.1 GI:11340642
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS
TITLE
JOURNAL
Dubley, S., Kirillov, B. and Mirzabekov, A.
Nucleotide extension on a microarray of gel-immobilized primers
Patent: WO 0065098-A 15 02-NOV-2000;
The University of Chicago (US)
LOCATION/Qualifiers
1. 20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3319 AACCTGATGACGTGGCG 3337
DB 19 AACGTGATGACGTGGTG 1

RESULT 1295
AX053095 20 bp DNA linear PAT 12-JAN-2001
LOCUS Sequence 19 from Patent WO0071703.
DEFINITION AX053095
ACCESSION AX053095
VERSION AX053095.1 GI:12227152
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS
TITLE
JOURNAL
MacLeod, A.R., Li, Z. and Besterman, J.M.
Inhibition of histone deacetylase
Patent: WO 0071703-A 19 30-NOV-2000;
Methylgene, Inc. (CA)
LOCATION/Qualifiers
1. 20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of Combined DNA/RNA Molecule: Positions
1-4 and 17-20 are 2'-methoxyribose substituted
nucleotides; positions 5-16 are deoxyribonucleotides"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3552 CAAGCGGAGAGACTCGGA 3570
DB 1 CAATCGTCAGAGACTCCGA 19

RESULT 1296
AX106726 20 bp DNA linear PAT 30-APR-2001
LOCUS Sequence 18 from Patent WO0125444.
DEFINITION AX106726
ACCESSION AX106726
VERSION AX106726.1 GI:13922387
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS
TITLE
JOURNAL
Picoult-Newburg, L. and Pohl, M.
Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 1493 26-APR-2001;
Orchid Biosciences, Inc. (US)
LOCATION/Qualifiers
1. 20
/organism="synthetic construct"

SOURCE
ORGANISM
REFERENCE
1
AUTHORS
TITLE
JOURNAL
Presnell, S.R., Novak, J.B. and Gao, Z.
Human phosphodiesterase zcytor13
Patent: WO 0125444-A 18 12-APR-2001;
Zymogenetics, Inc. (US)
LOCATION/Qualifiers
1. 20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide primer zc23252"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1744 ATCCTGATGCTGTAGATG 1762
DB 2 ATCAGCGATGCTGTAGAG 20

RESULT 1297
AX106727/c 20 bp DNA linear PAT 30-APR-2001
LOCUS Sequence 19 from Patent WO0125444.
DEFINITION AX106727
ACCESSION AX106727
VERSION AX106727.1 GI:13922388
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS
TITLE
JOURNAL
Presnell, S.R., Novak, J.B. and Gao, Z.
Human phosphodiesterase zcytor13
Patent: WO 0125444-A 19 12-APR-2001;
Zymogenetics, Inc. (US)
LOCATION/Qualifiers
1. 20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide primer zc23253"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1744 ATCCTGATGCTGTAGATG 1762
DB 19 ATCAGCGATGCTGTAGAG 1

RESULT 1298
AX116370 20 bp DNA linear PAT 11-MAY-2001
LOCUS Sequence 1493 from Patent WO0129262.
DEFINITION AX116370
ACCESSION AX116370
VERSION AX116370.1 GI:14033112
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS
TITLE
JOURNAL
Picoult-Newburg, L. and Pohl, M.
Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 1493 26-APR-2001;
Orchid Biosciences, Inc. (US)
LOCATION/Qualifiers
1. 20
/organism="synthetic construct"

/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3588 CCATGTTGCTGAGGCTAAT 3606
|||||
DB 2 CCATGTTGACGAGCTAGT 20

RESULT 1299

AXI49275/c AXI49275 20 bp DNA linear PAT 08-JUN-2001
DEFINITION Sequence 477 from Patent WO0136625.
ACCESSION AXI49275
VERSION AXI49275.1 GI:14347799
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Wright, J.A., Young, A.H. and Dugourd, D.
TITLE Antisense oligonucleotide sequences derived from groel and groes as
JOURNAL inhibitors of microorganisms
Patent: WO 0136625-A 477 25-MAY-2001;
Genesense Technologies Inc. (CA)
FEATURES
source Location/Qualifiers
1. .20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Antisense oligonucleotide"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3637 CCAATTGCTGAGATTGCAG 3655
|||||
DB 20 CCAATTGCTGAATGCAG 2

RESULT 1300

AXI63843 AXI63843 20 bp DNA linear PAT 22-JUN-2001
LOCUS AXI63843
DEFINITION Sequence 12 from Patent WO0140804.
ACCESSION AXI63843
VERSION AXI63843.1 GI:14544912
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Hol, E.M. and van Leeuwen, F.W.
TITLE Clearance of aberrant protein in correlation with disease
JOURNAL Patent: WO 0140804-A 12 07-JUN-2001;
Koninklijke Nederlandse Akademie van Wetenschappen (NL)
FEATURES
source Location/Qualifiers
1. .20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="3' primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1100 GCCTAGACCCAGAGACGA 1118
|||||

DB 1 GCCAAGCACCGAGAGAA 19

RESULT 1301

AXI67890/c AXI67890 20 bp DNA linear PAT 03-JUL-2001
LOCUS AXI67890
DEFINITION Sequence 74 from Patent WO0142307.
ACCESSION AXI67890
VERSION AXI67890.1 GI:14597210
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Salto, K., Ohe, N. and Satoh, H.
TITLE Mutant er g(a) and test systems for transactivation
JOURNAL Patent: WO 0142307-A 74 14-JUN-2001;
Sumitomo Chemical Company, Limited (JP)
FEATURES
source Location/Qualifiers
1. .20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Designed oligonucleotide primer for PCR"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 397 CTCGGTCCGATGCTGAA 415
|||||
DB 19 CTCGGTCCGATGATGAA 1

RESULT 1302

AXI67902 AXI67902 20 bp DNA linear PAT 03-JUL-2001
LOCUS AXI67902
DEFINITION Sequence 86 from Patent WO0142307.
ACCESSION AXI67902
VERSION AXI67902.1 GI:14597222
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Salto, K., Ohe, N. and Satoh, H.
TITLE Mutant er g(a) and test systems for transactivation
JOURNAL Patent: WO 0142307-A 86 14-JUN-2001;
Sumitomo Chemical Company, Limited (JP)
FEATURES
source Location/Qualifiers
1. .20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Designed oligonucleotide primer for PCR"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2639 CCCTGAGCTGCTGCTGCA 2657
|||||
DB 2 CCCTGAGCTGCTGCTGCA 20

RESULT 1303

AXI84029 AXI84029 20 bp DNA linear PAT 06-AUG-2001
LOCUS AXI84029
DEFINITION Sequence 1782 from Patent WO0142511.
ACCESSION AXI84029
VERSION AXI84029.1 GI:15135365
KEYWORDS
SOURCE Homo sapiens (human)

ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Daly, M., Hudson, T. J., Lander, E. S., Rioux, J. and Siminovitch, K.
TITLE Ibd.-related polymorphisms
JOURNAL Patent: WO 0142511-A 1782 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Ellipsis
Biotherapeutics Corporation (CA)

FEATURES
source
1. .20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5394 AAAAAATACAAAAAGAAA 5413
Db 1 AAAAAAGAAAAAAGAAA 20

RESULT 1304
LOCUS AX211697/c 20 bp DNA linear PAT 06-SEP-2001
DEFINITION Sequence 6 from Patent WO0158918.
ACCESSION AX211697
VERSION AX211697.1 GI:15523929
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE 1
AUTHORS Kurfurst, R. and Joly, R.
TITLE Novel oligonucleotides and use of oligonucleotides modulating the
expression of enzymes involved in the synthesis of melanic
pigments, as depigmentation agents
JOURNAL Patent: WO 0138918-A 6 16-AUG-2001;
LVMH RECHERCHE (FR)
FEATURES
source
1. .20
Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide antisense, complementaire de la
sequence nt 475-457 de l'ADNc du gene codant pour la
tyrosinase humaine (Genbank locus H0MTYRA)."

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1700 CTCGCATTAGACAGATCCT 1718
Db 19 CTCGCATTAGCCAGTTCCT 1

RESULT 1305
LOCUS AX293669/c 20 bp DNA linear PAT 21-NOV-2001
DEFINITION Sequence 5431 from Patent WO0179548.
ACCESSION AX293669
VERSION AX293669.1 GI:17055352
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE 1
AUTHORS Barany, F., Zivvi, M., Gerry, N. P., Favis, R. and Kliman, R.
TITLE Method of designing addressable array for detection of nucleic acid
sequence differences using ligase detection reaction

JOURNAL Patent: WO 0179548-A 5431 25-OCT-2001;
CORNELL RESEARCH FOUNDATION, INC. (US)
FEATURES
source
1. .20
Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3835 GCTGCTCTACCGCTGCG 3853
Db 20 GCTGCTCTACCGATGCG 2

RESULT 1306
LOCUS AX293961 20 bp DNA linear PAT 21-NOV-2001
DEFINITION Sequence 5723 from Patent WO0179548.
ACCESSION AX293961
VERSION AX293961.1 GI:17055644
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE 1
AUTHORS Barany, F., Zivvi, M., Gerry, N. P., Favis, R. and Kliman, R.
TITLE Method of designing addressable array for detection of nucleic acid
sequence differences using ligase detection reaction
JOURNAL Patent: WO 0179548-A 5723 25-OCT-2001;
CORNELL RESEARCH FOUNDATION, INC. (US)
FEATURES
source
1. .20
Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2632 GTCCCTCTCCCTGACGCTGC 2650
Db 1 GTGCTGTCTCTGACGCTGC 19

RESULT 1307
LOCUS AX294799 20 bp DNA linear PAT 21-NOV-2001
DEFINITION Sequence 6561 from Patent WO0179548.
ACCESSION AX294799
VERSION AX294799.1 GI:17056482
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE 1
AUTHORS Barany, F., Zivvi, M., Gerry, N. P., Favis, R. and Kliman, R.
TITLE Method of designing addressable array for detection of nucleic acid
sequence differences using ligase detection reaction
JOURNAL Patent: WO 0179548-A 6561 25-OCT-2001;
CORNELL RESEARCH FOUNDATION, INC. (US)
FEATURES
source
1. .20
Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1884 CCTGATCAGCGCTCGACC 1902
DB 2 CCTGTACGACGACGACC 20

RESULT 1308
AX295649/c
LOCUS AX295649 20 bp DNA linear PAT 21-NOV-2001
DEFINITION Sequence 7411 from Patent WO0179548.
ACCESSION AX295649
VERSION AX295649.1 GI:17057338
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Barany, F., Zivvi, M., Gerry, N.P., Pavls, R. and Kliman, R.
TITLE Method of designing addressable array for detection of nucleic acid
JOURNAL Sequence differences using ligase detection reaction
PATENT: WO 0179548-A 7411 25-OCT-2001;
CORNELL RESEARCH FOUNDATION, INC. (US)
FEATURES
source 1..20
Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 665 CGAGTGCATGAGGTGCG 683
DB 20 CAAGTTCATGAGGTGCG 2

RESULT 1309
AX296690/c
LOCUS AX296690 20 bp DNA linear PAT 21-NOV-2001
DEFINITION Sequence 8452 from Patent WO0179548.
ACCESSION AX296690
VERSION AX296690.1 GI:17058379
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Barany, F., Zivvi, M., Gerry, N.P., Pavls, R. and Kliman, R.
TITLE Method of designing addressable array for detection of nucleic acid
JOURNAL Sequence differences using ligase detection reaction
PATENT: WO 0179548-A 8452 25-OCT-2001;
CORNELL RESEARCH FOUNDATION, INC. (US)
FEATURES
source 1..20
Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 39 CAGCAGCCGCGGCTCCAC 57
DB 19 CAGCAGCCGCGGCTCCAC 1

RESULT 1310
AX298625/c
LOCUS AX298625 20 bp DNA linear PAT 26-NOV-2001
DEFINITION Sequence 259 from Patent WO0183749.
ACCESSION AX298625
VERSION AX298625.1 GI:17128615
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.
REFERENCE 1
AUTHORS Bachmanov, A.A., Beauchamp, G.K., Chatterjee, A., de Jong, P.J., Li, S.,
Li, X., Ohmen, J.D., Reed, D.R., Rose, D. and Jorloff, M.G.
TITLE Gene and sequence variation associated with sensing carbohydrate
JOURNAL compounds and other sweeteners
PATENT: WO 0183749-A 259 08-NOV-2001;
WARNER-LAMBERT COMPANY (US) ; The Monell Chemical Senses Center
(US)
FEATURES
source 1..20
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2640 CCTGAGCTGCTGCTGCG 2658
DB 20 CCTGCTGCTGATGCTGTAG 2

RESULT 1311
AX326932/c
LOCUS AX326932 20 bp DNA linear PAT 07-JAN-2002
DEFINITION Sequence 128 from Patent WO0178894.
ACCESSION AX326932
VERSION AX326932.1 GI:18097643
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Kelch, T.
TITLE Novel human gene relating to respiratory diseases, obesity, and
JOURNAL inflammatory bowel disease
PATENT: WO 0178894-A 128 25-OCT-2001;
Genome Therapeutics Corp. (US)
FEATURES
source 1..20
Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3720 GGACCTGCATCAGAGCCT 3738
DB 20 GGACCTGCATCAGAGCCT 2

RESULT 1312
AX339406/c
LOCUS AX339406 20 bp DNA linear PAT 10-JAN-2002
DEFINITION Sequence 11 from Patent WO0196579.
ACCESSION AX339406
VERSION AX339406.1 GI:18135596
KEYWORDS

SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Miskolczi, P., Pettko-Szantner, A., Horvath, G., Dudits, D., Feher, A.
TITLE A novel plant cyclin
JOURNAL Patent: WO 0196579-A 11 20-DEC-2001;
Cropsdesign N.V. (BE)

FEATURES
source
1. .20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="probe or primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4872 TCAGTTCTTCTCTGCA 4890
|||||
20 TCAGTTCTTCTGCTGCA 2

RESULT 1313
AX402154/C 20 bp DNA linear PAT 02-SEP-2002
LOCUS
DEFINITION Sequence 16 from Patent WO0226813.
ACCESSION AX402154
VERSION AX402154.1 GI:21387297
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Mao, Y., and Xie, Y.
TITLE A novel peptide - human muscle cell enhanced associative factor
JOURNAL Patent: WO 0226813-A 16 04-APR-2002;
SHANGHAI BIOWINDOW GENE DEV IN (CN)

FEATURES
source
1. .20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2832 TGAGGCGAGCGACACAGA 2850
|||||
19 TGAATCAGCGACACAGA 1

RESULT 1314
AX402172 20 bp DNA linear PAT 02-SEP-2002
LOCUS
DEFINITION Sequence 34 from Patent WO0226813.
ACCESSION AX402172
VERSION AX402172.1 GI:21387315
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Mao, Y., and Xie, Y.
TITLE A novel peptide - human muscle cell enhanced associative factor
JOURNAL Patent: WO 0226813-A 34 04-APR-2002;

SHANGHAI BIOWINDOW GENE DEV IN (CN)
Location/Qualifiers
1. .20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3945 ACAGCACAGCTGATGATG 3963
|||||
1 ACAGCACAGCGGATGATG 19

RESULT 1315
AX418725 20 bp DNA linear PAT 18-JUN-2002
LOCUS
DEFINITION Sequence 120 from Patent WO0210378.
ACCESSION AX418725
VERSION AX418725.1 GI:21523588
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Cowsert, L.M., Wyatt, J., Freiler, S.M., Monia, B.P., Butler, M.M. and
McKay, R.
TITLE Antisense modulation of ptpb expression
JOURNAL Patent: WO 0210378-A 120 07-FEB-2002;
ISIS PHARMACEUTICALS, INC. (US)

FEATURES
source
1. .20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Antisense Oligonucleotide"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 196 TGCCGACACCCCATCTCCC 214
|||||
1 TGCTCCGACACCATCTCCC 19

RESULT 1316
AX418726 20 bp DNA linear PAT 18-JUN-2002
LOCUS
DEFINITION Sequence 121 from Patent WO0210378.
ACCESSION AX418726
VERSION AX418726.1 GI:21523589
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Cowsert, L.M., Wyatt, J., Freiler, S.M., Monia, B.P., Butler, M.M. and
McKay, R.
TITLE Antisense modulation of ptpb expression
JOURNAL Patent: WO 0210378-A 121 07-FEB-2002;
ISIS PHARMACEUTICALS, INC. (US)

FEATURES
source
1. .20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Antisense Oligonucleotide"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 196 TGGCCACACCCGATCTCCC 214
|||||
DB 2 TGGTCCACACCATCTCCC 20

RESULT 1317
AX441426 20 bp DNA linear PAT 03-JUL-2002
LOCUS Sequence 57 from Patent EP1209237.
DEFINITION AX441426
ACCESSION AX441426
VERSION AX441426.1 GI:21690407
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE artificial sequences.
1
AUTHORS Koziel,M.G., Desai,N.M., Lewis,K.S., Kramer,V.C., Warren,G.W.,
Evoja,S.V., Crossland,L.D., Wright,M.S., Merlin,E.J., Launis,K.L.
and Rothstein,S.J.
TITLE Synthetic dna sequence having enhanced insecticidal activity in
maize
JOURNAL Patent: EP 1209237-A 57 29-MAY-2002;
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer MK25a28"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3113 ACCGACCTGACCGAGCT 3131
|||||
DB 2 AGCTGACCTGACCGTGT 20

RESULT 1318
AX453922 20 bp DNA linear PAT 06-JUL-2002
LOCUS AX453922
DEFINITION Sequence 57 from Patent EP1213356.
ACCESSION AX453922
VERSION AX453922.1 GI:21713580
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE artificial sequences.
1
AUTHORS Koziel,M.G., Desai,N.M., Lewis,K.S., Kramer,V.C., Warren,G.W.,
Evoja,S.V., Crossland,L.D., Wright,M.S., Merlin,E.J., Launis,K.L.
and Rothstein,S.J.
TITLE Synthetic dna sequence having enhanced insecticidal activity in
maize
JOURNAL Patent: EP 1213356-A 57 12-JUN-2002;
FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer MK25a28"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3113 ACCGACCTGACCGAGCT 3131
|||||
DB 2 AGCTGACCTGACCGTGT 20

RESULT 1319
AX456086/c 20 bp DNA linear PAT 06-JUL-2002
LOCUS AX456086
DEFINITION Sequence 16 from Patent WO0170675.
ACCESSION AX456086
VERSION AX456086.1 GI:21715041
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Homo sapiens
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE Mammalia; Buteria; Primates; Catarrhini; Homidae; Homo.
JOURNAL Delorme,D., Woo,S.H. and Vaisburg,A.
Inhibitors of histone deacetylase
Patent: WO 0170675-A 16 27-SEP-2001;
Methylgene, Inc. (CA)
FEATURES
source Location/Qualifiers
1..20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 570 GAAGAAGAGAGAGCTGAAG 588
|||||
DB 19 GAAGATGAGAGAGCCGAG 1

RESULT 1320
AX462490 20 bp DNA linear PAT 15-JUL-2002
LOCUS AX462490
DEFINITION Sequence 234 from Patent EP1217079.
ACCESSION AX462490
VERSION AX462490.1 GI:21885703
KEYWORDS
SOURCE Aegilops tauschii
ORGANISM Aegilops tauschii
REFERENCE Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
TITLE Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
JOURNAL Pooidae; Triticeae; Aegilops.
1
AUTHORS Bernard,M., Sourdis,P. and Guyomarch,H.
Microsatellite markers from Triticum tauschii
Patent: EP 1217079-A 234 26-JUN-2002;
JOURNAL INSTITUT NATIONAL DE LA RECHERCHE AGRICOLIQUE (INRA) (FR)
FEATURES
source Location/Qualifiers
1..20
/organism="Aegilops tauschii"
/mol_type="unassigned DNA"
/db_xref="taxon:37682"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 627 GAGCTCTTGGGCTGAGCA 645
|||||
DB 2 GAGTCTTCTGTGTGAGCA 20

RESULT 1321
AX477221 20 bp DNA linear PAT 12-AUG-2002
LOCUS AX477221
DEFINITION Sequence 312 from Patent WO0220848.
ACCESSION AX477221
VERSION AX477221.1 GI:22216474
KEYWORDS
SOURCE synthetic construct

ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Bodnar,J.S., Castellani,L.W., Chatterjee,A., de Jong,P.,
Lusis,A.J., Ohmen,J., Ross,D., Tafuri,S. and Wu,C.
TITLE Gene and sequence variation associated with cancer
JOURNAL Patent: WO 0220848-A 312 14-MAR-2002;
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (US)
FEATURES Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3634 TTCCCAATTGCTGAGATTG 3652
1 TTCCCAATTGCAAGGCTTG 19

Db 1 TTCCCAATTGCAAGGCTTG 19

RESULT 1322
AX488440 20 bp DNA linear PAT 16-AUG-2002
LOCUS AX488440
DEFINITION Sequence 5740 from Patent WO02053728.
ACCESSION AX488440
VERSION AX488440.1 GI:22322520
KEYWORDS
SOURCE Candida albicans
ORGANISM Candida albicans
Bukariyoka; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes;
Saccharomycetales; Mitosporic Saccharomycetales; Candida.

REFERENCE 1
AUTHORS Roemer,T., Jiang,B., Boone,C., Bussey,H. and Ohlsen,K.L.
TITLE Gene disruption methodologies for drug target discovery
JOURNAL Patent: WO 02053728-A 5740 11-JUL-2002;
Bilitra Pharmaceuticals, Inc. (US)
FEATURES Location/Qualifiers
1..20
/organism="Candida albicans"
/mol_type="unassigned DNA"
/db_xref="taxon:5476"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 479 ACCTGGGAACATCCCCGAG 497
1 ACATGGGAACATCGGCCAG 19

Db 1 ACATGGGAACATCGGCCAG 19

RESULT 1323
AX512423 20 bp DNA linear PAT 27-SEP-2002
LOCUS AX512423
DEFINITION Sequence 179 from Patent WO02053742.
ACCESSION AX512423
VERSION AX512423.1 GI:23392675
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Kechua,R., Alsbrook,J.P., Tchertnev,V.T., Liu,X., Spytek,K.A.,
Paturajan,M., Groesse,W.M., Lepley,D.M., Burgess,C.E., Vernet,C.A.,
Li,L., Gorman,L., Edinger,S., Sciore,P., Billeman,K., Malyanekar,U.,
Rothenberg,M., Stone,D., Boldog,F., Shenoy,S. and Anderson,D.
TITLE Proteins and nucleic acids encoding same
JOURNAL Patent: WO 02053742-A 179 11-JUL-2002;
Curegen Corporation (US)

FEATURES Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Ag2421 Forward Primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 752 TGGGGCTGAGTCACTGTG 770
1 TGAAGCTGAGCTCTGTG 19

Db 1 TGAAGCTGAGCTCTGTG 19

RESULT 1324
AX526597 20 bp DNA linear PAT 21-NOV-2002
LOCUS AX526597
DEFINITION Sequence 312 from Patent WO0220847.
ACCESSION AX526597
VERSION AX526597.1 GI:25171404
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Bodnar,J.S., Castellani,L.W., Chatterjee,A., de Jong,P.,
Lusis,A.J., Ohmen,J., Ross,D., Tafuri,S. and Wu,C.
TITLE Gene and sequence variation associated with lipid disorder
JOURNAL Patent: WO 0220847-A 312 14-MAR-2002;
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (US)
FEATURES Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3634 TTCCCAATTGCTGAGATTG 3652
1 TTCCCAATTGCAAGGCTTG 19

Db 1 TTCCCAATTGCAAGGCTTG 19

RESULT 1325
AX529080 20 bp DNA linear PAT 21-NOV-2002
LOCUS AX529080
DEFINITION Sequence 7 from Patent WO0246459.
ACCESSION AX529080
VERSION AX529080.1 GI:25173128
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
AUTHORS Becary,J.L.
TITLE Method for the determination of at least one functional
polymorphism in the nucleotide sequence of a preselected candidate
gene and its applications
JOURNAL Patent: WO 0246459-A 7 13-JUN-2002;
Genodysee (FR)
FEATURES Location/Qualifiers
1..20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3217 CTGCAGCTGTCAGCTGTG 3235
DB 20 CTGTAGCCTGTGACGTGTG 2

RESULT 1326

AX589808 20 bp DNA linear PAT 24-JAN-2003
LOCUS AX589808
DEFINITION Sequence 10 from Patent WO02079249.
ACCESSION AX589808
VERSION AX589808.1 GI:27901059
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
AUTHORS Escary, J.L.
TITLE New polynucleotides and polypeptides of the ifn_g(a)-21 gene
JOURNAL Patent: WO 02079249-A 10 10-OCT-2002;
Genodyssee (FR)

FEATURES
source Location/Qualifiers
1..20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5316 AATTGTCTAGCAGGCTTT 5334
DB 2 AATTCTTAGAGGCTCT 20

RESULT 1327

AX657332/c 20 bp DNA linear PAT 22-MAR-2003
LOCUS AX657332
DEFINITION Sequence 45 from Patent WO02100896.
ACCESSION AX657332
VERSION AX657332.1 GI:29160072
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE 1
AUTHORS dalla Venezia, N.L., Magnard, C.M., Lenoir, G.M. and
Stinlikova-Erard, O.
TITLE Method for diagnosing cancer susceptibility
JOURNAL Patent: WO 02100896-A 45 19-DEC-2002;
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) (FR);
UNIVERSITE CLAUDE BERNARD - LYON 1 (FR)

FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="amorce PCR"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5096 CTAGAGCCTCCGATCC 5114
DB 19 CTTGAGCCTTAGGAGACC 1

RESULT 1328

AX698779 20 bp DNA linear PAT 02-APR-2003
LOCUS AX698779
DEFINITION Sequence 15 from Patent WO02088328.
ACCESSION AX698779
VERSION AX698779.1 GI:29499568
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE 1
AUTHORS Belardelli, F., Santini, S.M., Parlato, S., di Pucchio, T., Logozzi, M.,
la Penta, C., Ferrantini, M., Santodonato, L. and D'Agostino, G.
TITLE Method for generating highly active human dendritic cells from
monocytes
JOURNAL Patent: WO 02088328-A 15 07-NOV-2002;
Istituto Superiore di Sanita (IT)

FEATURES
source Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="PCR primer-dendritic-specific chemokine 5' amplification primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2051 ACAAGAGCTCTGCGCCCT 2069
DB 1 ACAAGAGCTCTGCTGCCT 19

RESULT 1329

AX703628 20 bp DNA linear PAT 03-APR-2003
LOCUS AX703628
DEFINITION Sequence 32 from Patent WO03006652.
ACCESSION AX703628
VERSION AX703628.1 GI:29538527
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
AUTHORS Li, Z., Bonfile, C. and Besterman, J.
TITLE Inhibition of specific histone deacetylase isoforms
JOURNAL Patent: WO 03006652-A 32 23-JAN-2003;
MethyGene, Inc. (CA)

FEATURES
source Location/Qualifiers
1..20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 570 GAAGAGGAGGCTGAG 588
DB 19 GAAGATGAGGAGCGGAG 1

RESULT 1330

AX709055/c 20 bp DNA linear PAT 04-APR-2003
LOCUS AX709055
DEFINITION Sequence 6 from Patent WO02102997.
ACCESSION AX709055
VERSION AX709055.1 GI:29564729
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct

QY 570 GAAGAGGAGGCTGAG 588
DB 19 GAAGATGAGGAGCGGAG 1

REFERENCE 1
ARTIFICIAL SEQUENCES.
AUTHORS Men, L.Y.
TITLE Isolated homozygous stem cells differentiated cells derived
JOURNAL therefrom and materials and methods for making and using same
Patent: WO 02102997-A 6 27-DEC-2002;
Stemron, Inc. (US)
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2649 GCTGCTGACGACACTCT 2667
DB 20 GCTGACGACGACTACACTCT 2

RESULT 1331
LOCUS AX719304 20 bp DNA linear PAT 15-APR-2003
DEFINITION Sequence 19 from Patent WO03022298.
ACCESSION AX719304
VERSION AX719304.1 GI:29891744
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
ARTIFICIAL SEQUENCES.

REFERENCE 1
AUTHORS Giraudon, P., Belin, M.F., Malcus, C., Colas, P., Antoine, J.C. and
Homorat, J.
TITLE Utilisation d'une proteine de la famille des crmps pour le
JOURNAL traitement des maladies liees au systeme immunitaire
Patent: WO 03022298-A 19 20-MAR-2003;
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)
(FR)
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1906 GCTCTGCAGAACCTCATTC 1924
DB 2 GCTCTCCAGAACATCATCC 20

RESULT 1332
LOCUS AX750503 20 bp DNA linear PAT 20-JUN-2003
DEFINITION Sequence 4028 from Patent EP1308459.
ACCESSION AX750503
VERSION AX750503.1 GI:32132921
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
ARTIFICIAL SEQUENCES.

REFERENCE 1
AUTHORS Ieagali, T., Sugiyama, T., Otsuki, T., Wakamatsu, A., Sato, H., Ishii, S.,
Yamamoto, J., I., Isono, T., Hio, Y., Otsuka, K., Nagai, K., Irie, R.,
Tamechika, I., Seki, N., Yoshikawa, T., Otsuka, M., Nagahari, K. and
Masuno, Y.
TITLE Full-length cDNA sequences

JOURNAL Patent: EP 1308459-A 4028 07-MAY-2003;
Biochemistry (JP) ; Research Association for
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="an artificially synthesized primer sequence"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4206 CATTCGGTCACTCTGCTG 4224
DB 2 CATTCAGTCACTCTCTG 20

RESULT 1333
LOCUS AX752870 20 bp DNA linear PAT 23-JUN-2003
DEFINITION Sequence 13 from Patent WO03037373.
ACCESSION AX752870
VERSION AX752870.1 GI:32165631
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
ARTIFICIAL SEQUENCES.

REFERENCE 1
AUTHORS Jabour, H.N., Sales, R.J. and Katz, A.
TITLE Use of an ep2 or ep4 receptor antagonist and/or a cox-1 inhibitor
JOURNAL for treating cervical cancer
Patent: WO 03037373-A 13 08-MAY-2003;
MEDICAL RESEARCH COUNCIL (GB)
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="5' PCR Primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4262 CCTTCACCTCTACTGAT 4280
DB 1 CCTTCCTCTGTCCTGAT 19

RESULT 1334
LOCUS AX772968 20 bp DNA linear PAT 09-JUL-2003
DEFINITION Sequence 7 from Patent WO03046165.
ACCESSION AX772968
VERSION AX772968.1 GI:32485142
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
ARTIFICIAL SEQUENCES.

REFERENCE 1
AUTHORS Liou, J.R.
TITLE Regulation of human aldose reductase-like protein
JOURNAL Patent: WO 03046165-A 7 05-JUN-2003;
Bayer Aktiengesellschaft (DE)
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Reverse primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3878 TGAAGAACGGGTGACCGT 3896
DB 19 TGAAGAACGGGTGAGAGT 1

RESULT 1335
LOCUS AX785499 20 bp DNA linear PAT 17-JUL-2003
DEFINITION Sequence 7 from Patent WO03050299.
ACCESSION AX785499
VERSION AX785499.1 GI:32953119
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
AUTHORS Cullen, P. and Seedorf, U.
TITLE Method for analysing hereditary masculine infertility
JOURNAL Patent: WO 03050299-A 7 19-JUN-2003;
OGHAM GmbH (DE)
FEATURES
source Location/Qualifiers
1..20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1179 CAGAGAAAGAGAGAGAG 1197
DB 2 CAGAGAAAGAGATGAGAG 20

RESULT 1336
LOCUS AX785501 20 bp DNA linear PAT 17-JUL-2003
DEFINITION Sequence 9 from Patent WO03050299.
ACCESSION AX785501
VERSION AX785501.1 GI:32953121
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
AUTHORS Cullen, P. and Seedorf, U.
TITLE Method for analysing hereditary masculine infertility
JOURNAL Patent: WO 03050299-A 9 19-JUN-2003;
OGHAM GmbH (DE)
FEATURES
source Location/Qualifiers
1..20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1179 CAGAGAAAGAGAGAGAG 1197
DB 2 CAGAGAAAGAGATGAGAG 20

RESULT 1337
LOCUS AX785566 20 bp DNA linear PAT 17-JUL-2003
DEFINITION Sequence 74 from Patent WO03050299.
ACCESSION AX785566
VERSION AX785566.1 GI:32953186
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE 1
AUTHORS Cullen, P. and Seedorf, U.
TITLE Method for analysing hereditary masculine infertility
JOURNAL Patent: WO 03050299-A 74 19-JUN-2003;
OGHAM GmbH (DE)
FEATURES
source Location/Qualifiers
1..20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1563 GAAGAGAGCTGGGAGAG 1581
DB 1 GAAGAGAGCTGTGTGAG 19

RESULT 1338
LOCUS AX804882/C 20 bp DNA linear PAT 25-NOV-2003
DEFINITION Sequence 1050 from Patent WO03060160.
ACCESSION AX804882
VERSION AX804882.1 GI:38522023
KEYWORDS
SOURCE Oreochromis niloticus (Nile tilapia)
ORGANISM Oreochromis niloticus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Actinopterygii; Neopterygii; Teleostei; Euteleostei; Neoteleostei;
Acanthomorphi; Acanthopterygii; Percormorpha; Perciformes;
Labroidae; Cichlidae; Oreochromis.

REFERENCE 1
AUTHORS Lie, Y., Sletten, A., Hoeyum, M. and Lingaas, F.
TITLE Verification of food origin based on nucleic acid pattern
JOURNAL Patent: WO 03060160-A 1050 24-JUL-2003;
Genomat ASA (NO)
FEATURES
source Location/Qualifiers
1..20
/organism="Oreochromis niloticus"
/mol_type="unassigned DNA"
/db_xref="taxon:8128"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 424 GGTAAGCCAGGCAAG 442
DB 19 GGTCAGAGCCAGATCCAG 1

RESULT 1339
LOCUS AX815731 20 bp DNA linear PAT 09-DEC-2003
DEFINITION Sequence 8 from Patent WO0306095.
ACCESSION AX815731
VERSION AX815731.1 GI:39646404
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.

RESULT 1337
LOCUS AX785566

```

REFERENCE 1
AUTHORS Samsom,J.N., Mebius,R.E., van Helvoort,J.M. and Kraal,G.
TITLE Modulating tolerance by modulating fcεγ2b receptor
JOURNAL Patent: WO 03066095-A 8 14-AUG-2003;
VERENIGING VOOR CHRISTELIJK WETENSCHAPPELIJK ONDERWIJS (NL)
FEATURES
SOURCE 1..20
/mol_type="synthetic construct"
/db_xref="taxon:32630"
/note="Description of Artificial Sequence: reverse primer
TGP-beta 1"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3473 TCAGCAGACGGAACCAAG 3491
Db 1 TCAGCAGCCGCTTACCAAG 19

RESULT 1340
LOCUS AX823554 20 bp DNA linear PAT 11-DEC-2003
DEFINITION Sequence 5 from Patent WO03070927.
ACCESSION AX823554
VERSION AX823554.1 GI:39750005
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Liou,J.R.
TITLE Regulation of human gtpase
JOURNAL Patent: WO 03070927-A 5 28-AUG-2003;
Bayer Aktiengesellschaft (DE)
FEATURES
SOURCE 1..20
/mol_type="synthetic construct"
/db_xref="taxon:32630"
/note="forward primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2315 GGGCCATCATCTTCACCTT 2333
Db 1 GGACCTTCATCTCCACCGT 19

RESULT 1341
LOCUS AX826843 20 bp DNA linear PAT 11-DEC-2003
DEFINITION Sequence 65 from Patent WO03072823.
ACCESSION AX826843
VERSION AX826843.1 GI:39752357
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Grandchamp,B. and Mentre,F.
TITLE Method for in vitro detection of cancers by highlighting allelic
imbbalances in insertion/deletion markers
JOURNAL Patent: WO 03072823-A 65 04-SEP-2003;
ASSISTANCE PUBLIQUE, HOPITAUX DE PARIS (FR)
FEATURES
SOURCE 1..20
/mol_type="synthetic construct"

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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="SEQUENCE DESCRIPTION artificielle: amorce"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4221 TGTGCTGTGCTTACAC 4239
Db 1 TGTGTTGTGCTTGCCTC 19

RESULT 1342
LOCUS AX923558 20 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 55 from Patent WO03080667.
ACCESSION AX923558
VERSION AX923558.1 GI:40216576
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Colonna,M. and Panina,P.B.
TITLE A novel receptor tirem (triggering receptor expressed on myeloid
cells) and uses thereof
JOURNAL Patent: WO 03080667-A 55 02-OCT-2003;
Bloxell S.p.A. (IT)
FEATURES
SOURCE 1..20
/mol_type="synthetic construct"
/db_xref="taxon:32630"
/note="primer"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 79 CCCTGCTTCGCGCTCTC 97
Db 2 CCCTGCTTCGCTCTCTC 20

RESULT 1343
LOCUS AX925403 20 bp DNA linear PAT 19-DEC-2003
DEFINITION Sequence 15 from Patent WO02068619.
ACCESSION AX925403
VERSION AX925403.1 GI:40243651
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Lewin,D., Goddard,A.D., Grimaldi,J.C. and Chui,C.J.
TITLE Bit (brown fat inducible thioesterase) polypeptides and
polynucleotides and their use
JOURNAL Patent: WO 02068619-A 15 06-SEP-2002;
Curagen Corporation (US); GENENTECH, INC. (US)
FEATURES
SOURCE 1..20
/mol_type="synthetic construct"
/db_xref="taxon:32630"
/note="primer oligonucleotide"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2244 GGCTGCTGAGGGCATCTG 2262

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Db 20 GGCACTGAGGCATCTAG 2

RESULT 1344
AX956279 20 bp DNA linear PAT 08-JAN-2004
LOCUS Sequence 186 from Patent WO03093505.
AX956279
ACCESSION AX956279
VERSION AX956279.1 GI:40784805
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
REFERENCE
AUTHORS Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
TITLE 1 Mouthon, F., Nouvel, V. and Deslys, J.P.
METHOD for determining the presence of an unconventional
transmissible agent responsible for transmissible subacute
spongiform encephalopathy
Patent: WO 03093505-A 186 13-NOV-2003;
COMMISSARIAT A L'ENERGIE ATOMIQUE (FR)
FEATURES
source Location/Qualifiers
1..20
/organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:10090"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2181 TTACCTTGCCAGGCTCTC 2199
Db 2 TCACCTTGCCAGGCTCTC 20

RESULT 1345
AX956308 20 bp DNA linear PAT 08-JAN-2004
LOCUS Sequence 215 from Patent WO03093505.
AX956308
ACCESSION AX956308
VERSION AX956308.1 GI:40784834
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE 1 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
Mouthon, F., Nouvel, V. and Deslys, J.P.
METHOD for determining the presence of an unconventional
transmissible agent responsible for transmissible subacute
spongiform encephalopathy
Patent: WO 03093505-A 215 13-NOV-2003;
COMMISSARIAT A L'ENERGIE ATOMIQUE (FR)
FEATURES
source Location/Qualifiers
1..20
/organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:10090"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Db 20 AATGGCAGGCGAGTTGAAG 2

RESULT 1346
BD012503 20 bp DNA linear PAT 02-AUG-2002
LOCUS BD012503

DEFINITION Guanosine triphosphate-binding protein-coupled receptors, genes
thereof and production and use of the same.
ACCESSION BD012503
VERSION BD012503.1 GI:22092692
KEYWORDS WO 0109323-A/20.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Ota, T., Inagaki, T., Nishikawa, T., Hayashi, K., Saito, K., Yamamoto, J.,
Ishii, S., Sugiyama, T., Wakamatsu, A., Nagai, K., Otsuki, T.,
Kishimoto, T., Yano, K., Kanazaki, K. and Inoue, Y.
TITLE Guanosine triphosphate-binding protein-coupled receptors, genes
thereof and production and use of the same
Patent: WO 0109323-A 20 08-FEB-2001;
JOURNAL HELIX RESEARCH INSTITUTE, TOSHIO OTA, TAKAO ISOGAI, TETSUO NISHIKAWA,
KOJI HAYASHI, KAORU SAITO, JUNICHI YAMAMOTO, SHIZUKO ISHII, OMOYASU
SUGIYAMA, AI WAKAMATSU, KEIICHI NAGAI, TETSUJI OTSUKI, TOSHIMITSU
KISHIMOTO, KAZUHIRO YANO, KOJI KANZAKI, YOSHIIISA INOUE
PN WO 0109323-A/20
PD 08-FEB-2001
PR 28-JUL-2000 WO 2000JP005070
PR 29-JUL-1999 JP 99P 248036.27-AUG-1999 JP 99P 300253 PR
11-JAN-2000 JP 00P 118776.02-MAY-2000 JP 00P 183767 PR
18-OCT-1999 US 60/159590, 17-FEB-2000 US 60/183322 PI TOSHIO
OTA, TAKAO ISOGAI, TETSUO NISHIKAWA, KOJI HAYASHI, PI KAORU SAITO,
PI JUNICHI YAMAMOTO, SHIZUKO ISHII, TOMOYASU SUGIYAMA, AI WAKAMATSU,
PI KEIICHI NAGAI, TETSUJI OTSUKI, TOSHIMITSU KISHIMOTO, PI
KAZUHIRO YANO,
PI KOJI KANZAKI, YOSHIIISA INOUE
PC C12N15/12, C12N15/63, C12P21/02, C07K14/705, C07K16/28, A61K45/00,
PC A61P35/00,
PC A61P25/28, G01N33/566, G01N33/50, G01N33/15
CC Description of Artificial Sequence: an artificially
synthesized primer
CC A61P35/00,
CC sequence
FH Key Location/Qualifiers
1..20
/organism="Homo sapiens"
/mol_type="Genomic DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1282 CCATGGAGCCTTCTGTGA 1300
Db 2 CCCTGGTAGCCTTCTCTGA 20

RESULT 1347
BD016953 20 bp DNA linear PAT 27-AUG-2002
LOCUS Oligonucleotide for detecting Vibrio parahaemolyticus.
BD016953
ACCESSION BD016953
VERSION BD016953.1 GI:22558129
KEYWORDS JP 2001258569-A/7.
SOURCE synthetic construct
ORGANISM artificial construct
REFERENCE
AUTHORS 1 (bases 1 to 20)
TITLE Ishizuka, T., Ishiguro, T. and Saito, H.
JOURNAL Oligonucleotide for detecting Vibrio parahaemolyticus
TOSOH CORP
OS Artificial Sequence
PN JP 2001258569-A/7
PD 25-SEP-2001
PF 17-MAR-2000 JP 2000081805

PI TETSUYA ISHIZUKA, TAKAHIRO ISHIGURO, HISAKAZU SAITO PC
C12N15/09, C12Q1/68// (C12N15/09, C12R1:63), (C12Q1/68, C12R1:63), PC
C12N15/00,
PC (C12N15/00, C12R1:63)
CC Oligonucleotide capable of binding specifically to trnl and
trh2, or RNA
CC derived therefrom
FH Key Location/Qualifiers.
1.20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 150 GGACCCGAGAGGAGAGA 168
DB 2 GGACCCGAGAGGAGAGA 20

RESULT 1348
BD074608
LOCUS BD074608 20 bp DNA linear PAT 27-AUG-2002
DEFINITION Antisense oligonucleotide composition and modulation method of JNK
protein.
ACCESSION BD074608 GI:22620211
VERSION BD074608.1 JP 2001514905-A/32.
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
1 (bases 1 to 20)
REFERENCE 1 (bases 1 to 20)
AUTHORS McKay, R., Dean, N., Monia, B.P., Scott, P., Nero and Gaarde, W.A.
TITLE Antisense oligonucleotide composition and modulation method of JNK
protein
JOURNAL Patent: JP 2001514905-A 32 18-SEP-2001;
ISIS PHARMACEUTICALS INC
COMMENT OS Artificial Sequence
PN JP 2001514905-A/32
PD 18-SEP-2001
PR 07-AUG-1998 JP 2000509875
PR 13-AUG-1997 US 08/910629
PI ROBERT MCKAY, NICHOLAS DEAN, BRETT P MONIA, PAMELA SCOTT PI
PC C12Q1/68, A61K31/7088, A61K48/00, A61P35/00, C12N15/09, C12P19/34,
PC C12N15/00
CC antisense sequence
FH Key Location/Qualifiers
FT source 1.20
Location/Qualifiers
1.20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

FEATURES
source
1.20
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

QY 3749 ACGATGACTTCTGCGGCC 3767
DB 2 ACGATGACTTCTGCGGCC 20

RESULT 1349
BD083693
LOCUS BD083693 20 bp DNA linear PAT 27-AUG-2002
DEFINITION Method for assaying monkey B virus and primer used for it.
ACCESSION BD083693

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

VERSION BD083693.1 GI:22629303
KEYWORDS JP 2001321173-A/6.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
1 (bases 1 to 20)
REFERENCE 1 (bases 1 to 20)
AUTHORS Nakamura, S., Hirono, M., and Ueda, M.
TITLE Method for assaying monkey B virus and primer used for it
JOURNAL Patent: JP 2001321173-A 6 20-NOV-2001;
SRL INC SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES
COMMENT OS Artificial Sequence
PN JP 2001321173-A/6
PD 20-NOV-2001
PR 11-MAY-2000 JP 2000338503
PI SHIN NAKAMURA, MAKORO HIRONO, MASAHIRO UEDA
PC C12N15/09, C12Q1/68// (C12N15/09, C12R1:93), (C12Q1/68, C12R1:93),
PC C12N15/00,
PC (C12N15/00, C12R1:93)
CC Nucleic Acid for amplifying monkey B virus
FH Key Location/Qualifiers
FT source 1.20
Location/Qualifiers
/organism="Artificial Sequence".
1.20
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3255 CCAGACCTGCGCTCTGTG 3273
DB 2 CCAGACCTGCGCTCTGTG 20

RESULT 1350
BD088562/c
LOCUS BD088562 20 bp DNA linear PAT 27-AUG-2002
DEFINITION A method of arraying genome clone.
ACCESSION BD088562
VERSION BD088562.1 GI:22634172
KEYWORDS JP 2001321190-A/806.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
1 (bases 1 to 20)
REFERENCE 1 (bases 1 to 20)
AUTHORS Soeda, B.
TITLE A method of arraying genome clone
JOURNAL Patent: JP 2001321190-A 806 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
COMMENT OS Artificial Sequence
PN JP 2001321190-A/806
PD 20-NOV-2001
PR 12-MAR-2001 JP 2001068285
PI EIICHI SOEDA
PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC
PC C12N15/00
CC Description of Artificial Sequence: Synthetic DNA FH Key
FH Key Location/Qualifiers
FT source 1.20
Location/Qualifiers
/organism="Artificial Sequence".
1.20
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

FEATURES
source
1.20
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2256 CATCTGGCAAAAAGACC 2274
|||||
20 CATCTGGAAAAGAGACC 2

RESULT 1351
BD090370/c 20 bp DNA linear PAT 27-AUG-2002
LOCUS A method of arraying genome clone.
DEFINITION BD090370
ACCESSION BD090370
VERSION BD090370.1 GI:22635980
KEYWORDS JP 2001321190-A/2614.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
1 (bases 1 to 20)

REFERENCE
AUTHORS Soeda,E.
TITLE A method of arraying genome clone
JOURNAL Patent: JP 2001321190-A 2614 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECs

COMMENT
OS Artificial Sequence
PN JP 2001321190-A/2614
PD 20-NOV-2001
PF 12-MAR-2001 JP 2001068285
PI EIRICHI SOEDA
PC C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC
C12N15/00,
CC C12N15/00
C Description of Artificial Sequence:Synthetic DNA FH Key
FT source Location/Qualifiers
FT 1..20
1..20 /organism='Artificial Sequence'.
1..20 Location/Qualifiers
1..20 /organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5320 TGTCTAGCAGGCTTCCAG 5338
|||||
19 TGTCTAGCAGGCTTCCAG 1

RESULT 1352
BD091603 20 bp DNA linear PAT 27-AUG-2002
LOCUS Novel serine protease BSSP6.
DEFINITION BD091603
ACCESSION BD091603
VERSION BD091603.1 GI:22637214
KEYWORDS WO 0031257-A/17.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
1 (bases 1 to 20)

REFERENCE
AUTHORS Uemura,H., Okui,A., Komitani,K., Yamaguchi,N. and Mitsuui,S.
TITLE Novel serine protease BSSP6
JOURNAL Patent: WO 0031257-A 17 02-JUN-2000;
FUSO PHARMACEUTICAL INDUSTRIES LTD, HIDEOTOSHI UEMURA, AKIRA OKUI,
KATSUYA KOMITANI, NOZOMI YAMAGUCHI, SHINICHI MITSUI
OS Artificial Sequence
PN WO 0031257-A/17
PD 02-JUN-2000
PF 19-NOV-1999 WO 1999JP006476
PR 20-NOV-1998 JP 98P 347802
PI HIDEOTOSHI UEMURA, AKIRA OKUI, KATSUYA KOMITANI, NOZOMI YAMAGUCHI,
SHINICHI MITSUI

PC C12N15/12,C12N9/64,C12N5/06,C12M1/21,C07K16/40,C12P21/08, PC
A01K67/027,
PC G01N33/543
CC Designed oligonucleotide primer designated as hbSSP6F3 to CC
amplify
CC full-length human brain BSSP6-encoding mRNA (forward) FH Key
Location/Qualifiers
1..20
1..20 /organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2604 GTTCTAGGAGGAGAACCTG 2622
|||||
2 GACTCAGAGAGGAACTG 20

RESULT 1353
BD131981 20 bp DNA linear PAT 18-SEP-2002
LOCUS Oligonucleotide sequence complementary to thioredoxin gene or
DEFINITION thioredoxin reductase gene and utilization thereof for controlling
cell proliferation.
ACCESSION BD131981
VERSION BD131981.1 GI:23226926
KEYWORDS JP 2002501743-A/43.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homindae; Homo.
1 (bases 1 to 20)

REFERENCE
AUTHORS Wright,J.A., Young,A.H. and Lee,Y.S.
TITLE Oligonucleotide sequence complementary to thioredoxin gene or
JOURNAL thioredoxin reductase gene and utilization thereof for controlling
Patent: JP 2002501743-A 43 22-JAN-2002;
GENSENSE TECHNOLOGIES INC
OS Homo sapiens (human)
PN JP 2002501743-A/43
PD 22-JAN-2002
PF 29-JAN-1999 JP 2000529423
PR 30-JAN-1998 US 60/073196
PI JIM A WRIGHT, AIRPING H YOUNG, YOON S LEE
PC C12N15/09,A61K31/711,A61K48/00,A61P35/00,A61P35/04,C07H21/04//
PC (A61K31/711,A61K45:00),(A61K48/00,A61K45:00),C12N15/00 CC
Oligonucleotide sequence complementary to thioredoxin gene or
thioredoxin
CC reductase gene and utilization thereof for controlling cell
proliferation
FH Key Location/Qualifiers
FT source 1..20
1..20 /organism='Homo sapiens (human)'.
1..20 Location/Qualifiers
1..20 /organism='Homo sapiens'
/mol_type='genomic DNA'
/db_xref='taxon:9606'

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 294 TTCTCAGTCTTGCAGGCC 312
|||||
2 TTCTCAGAGTCTTGCAGGCC 20

RESULT 1354
BD132451


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LOCUS       BD132451                20 bp    DNA             linear    PAT 18-SEP-2002
DEFINITION  A basal cell carcinoma tumor suppressor gene.
ACCESSION   BD132451
VERSION     BD132451.1  GI:23227396
KEYWORDS    JP 2002504805-A/63.
SOURCE      synthetic construct
            synthetic construct
            artificial sequences.
REFERENCE   1 (bases 1 to 20)
AUTHORS    Dean,M.E., Hahn,H., Wicking,C., Christensen,J.,
            Zaphiropoulos,P.G., Gallani,M.R., Shanley,S., Chidambaram,A.,
            Vorechovsky,I., Holmberg,B., Unden,A.B., Gillies,S., Negus,K.,
            Smyth,I., Freeman,C., Leffell,D.J., Gerrard,B., Goldstein,A.,
            Wainwright,B., Toftgard,R., Trench,G.C. and Bale,A.B.
            A basal cell carcinoma tumor suppressor gene
            Patent: JP 2002504805-A 63 12-FEB-2002;
            THE GOVERNMENT OF THE UNITED STATES OF AMERICA REPRESENTED BY THE
            SECRETARY DEPARTMENT OF THE HEALTH AND HUMAN SERVICES
TITLE       JOURNAL
COMMENT     PR 16-MAY-1997 JP 1997541164
            PR 17-MAY-1996 US 60/017906,21-MAY-1996 AU PO 0011 PR
            07-JUN-1996 AU PO 0363,14-JUN-1996 US 60/019765 PI
            MICHAEL,FREDERICK DEAN,HEIDI HAHN,CAROL WICKING,JEFFREY PI
            CHRISTIANSEN,
            PI PETER G ZAPHIROPOULOS,MAE R GALLANI,SUSAN SHANLEY,ABIRAMI PI
            CHIDAMBARAM,
            PI IGOR VORECHOVSKY,ERIKA HOLMBERG,ANNE BINGITTE UNDEN,SUSAN PI
            GILLIES,
            PI KYLIE NEGUS,IAN SMYTH,CAROL PRESSMAN,DAVID J LEFFELL,BERNARD
            PI GERRARD,
            PI ALISA GOLDSTEIN,BRANDON WAINWRIGHT,RUNE TOFTGARD,GEORGIA PI
            CHEREVITZ TRENCH,
            PI ALLEN B BALE
            PC C12N15/12,C07K14/47,C12N5/10,C1201/68,G01N33/50,A61K48/00, PC
            A61K39/395,
            PC A61K38/17
            CC Strandedness: Single;
            CC Topology: Linear;
            FH Key Location/Qualifiers.
            1.20 Location/Qualifiers
            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2322 CATCTCCACCTTCTTTGAAG 2340
DB 2 CTTGACACCTCTTGATG 20

RESULT 1355
LOCUS       BD141100                20 bp    DNA             linear    PAT 18-SEP-2002
DEFINITION  A highly sensitive method for detecting nucleic acids.
ACCESSION   BD141100
VERSION     BD141100.1  GI:23236045
KEYWORDS    WO 0202814-A/10.
SOURCE      synthetic construct
            synthetic construct
            artificial sequences.
REFERENCE   1 (bases 1 to 20)
AUTHORS    Mineno,T., Miyamoto,E., Ishida,N., Takeya,T., Asada,K. and Kato,I.
            A highly sensitive method for detecting nucleic acids
            Patent: WO 0202814-A 10 10-JAN-2002;
            TAKAKA SHUZO CO LTD, JUNICHI MINENO, EDY MEIYANTO, NORIHIRO ISHIDA,
            TATSUO TAKEYA, KIYOZO ASADA, IKUNOSHIN KATO
            OS Artificial Sequence
            PN WO 0202814-A/10
COMMENT

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PD 10-JAN-2002
PF 04-JUL-2001 WO 2001JP005783
PR 05-JUL-2000 JP 00P 204177,26-APR-2001 JP 01P 129603 PI
JUNICHI MINENO, EDY MEIYANTO, NORIHIRO ISHIDA, TATSUO TAKEYA, PI
KIYOZO ASADA,
PI IKUNOSHIN KATO
PC C12Q1/68, C12P19/34, C12N15/09
CC Designed oligonucleotide primer to amplify a portion of GAPDH
CC CC
FH Key gene Location/Qualifiers
FT source 1.20
            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"

FEATURES
source 1.20
            Location/Qualifiers
            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2322 CATCTCCACCTTCTTTGAAG 2340
DB 2 CTTGACACCTCTTGATG 20

RESULT 1357
LOCUS       BD143990                20 bp    DNA             linear    PAT 17-JAN-2003
DEFINITION  Human bladder cancer antigen.
ACCESSION   BD143990

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VERSION BD143990.1 GI:27849748
KEYWORDS JP 2002112780-A/14.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
AUTHORS Kawakami,H., Fujita,T. and Ito,K.
TITLE Human bladder cancer antigen
JOURNAL Patent: JP 2002112780-A 14 16-APR-2002;
KEIO UNIVERSITY
COMMENT OS Artificial Sequence
PN JP 2002112780-A/14
PD 16-APR-2002
PF 03-OCT-2000 JP 2000304144
PI HIROSHI KAWAKAMI,TOMONOBU FUJITA,KEIICHI ITO
PC C12N15/09,A01K67/027,A61K38/00,A61K39/00,A61K45/00,A61P13/10,
PC A61P35/00,
PC C07K14/47,C07K16/30,C07K19/00,C12N1/15,C12N1/19,C12N1/21,C12N5/ PC
10,
PC C12P21/08,C12Q1/02,C12Q1/68,G01N33/15,G01N33/50,G01N33/53, PC
G01N33/566,
PC G01N33/574,G01N33/574,G01N33/577,C12N15/00,A61K37/02,C12N5/00
CC Description of Artificial Sequence:KU-BI-53 Forward Primer FH
Key Location/Qualifiers
FT source 1..20
/organism='Artificial Sequence'.
1..20
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2645 AGCTGCTGTCGAGCCACA 2663
DB 2 AGGAGCTGCTACAGCCACA 20

RESULT 1358
BD174246/c
LOCUS BD174246 20 bp DNA linear PAT 18-FEB-2003
DEFINITION Transgenic animal having drug-metabolizing enzyme gene and
utilization thereof.
ACCESSION BD174246.1 GI:28415585
VERSION WO 02066635-A/16.
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Katsuki,M., Kametaki,T., Teranishi,Y., Ishida,M. and Kato,M.
TITLE Transgenic animal having drug-metabolizing enzyme gene and
utilization thereof
JOURNAL Patent: WO 02066635-A 16 29-AUG-2002;
GENCOM CORP.,MOTOYA KATSUKI, TETSUYA KAWATAKI, YUTAKA TERANISHI,
MITSUYOSHI ISHIDA, MINORU KATO
COMMENT OS Artificial Sequence
PN WO 02066635-A/16
PD 29-AUG-2002
PF 21-FEB-2002 WO 2002JP001555
PR 23-FEB-2001 JP 01P 047735
PI MOTOYA KATSUKI, TETSUYA KAWATAKI, YUTAKA TERANISHI, MITSUYOSHI
PI ISHIDA,
PI MINORU KATO
PC C12N15/09,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12Q1/02,A01K67/
PC 027,
PC A01K67/027,A61K45/00,A61P1/00,A61P3/10,A61P5/00,A61P9/00, PC
A61P11/00,
PC A61P13/12,A61P19/00,A61P25/00,A61P31/00,A61P35/00,A61P37/08 CC

DESCRIPTION OF Artificial Sequence: Synthetic DNA FH Key
Location/Qualifiers
FT source 1..20
/organism='Artificial Sequence'.
1..20
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4775 AGGCGAGCAAAAAGGACT 4793
DB 19 AGGACAGCAATTAAGGCT 1

RESULT 1359
S76103S1/c
LOCUS S76103S1 20 bp DNA linear PLN 07-MAY-1993
DEFINITION {TetI element homolog} [Solanum tuberosum=potatoes, line AM80/5793,
Genomic, 20 nt, segment 1 of 2].
ACCESSION S76103
VERSION S76103.1 GI:242476
KEYWORDS
SEGMENT 1 of 2
SOURCE Solanum tuberosum (potato)
ORGANISM Solanum tuberosum
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
asterids; lamiales; Solanales; Solanaceae; Solanum.
REFERENCE 1 (bases 1 to 20)
AUTHORS Kikuchi,S., Iiu,X.J., Frommer,W.B., Koster-Topfer,M. and
Willmitzer,L.
TITLE Identification and structural characterization of further DNA
elements in the potato and pepper genomes homologous to the
transposable element-like insertion Tst1
JOURNAL Mol. Gen. Genet. 230 (3), 494-498 (1991)
MEDLINE 92114881
PubMed 1662769
REMARK Genbank staff at the National Library of Medicine created this
entry [NCBI gtblseq 76103] from the original journal article.
FEATURES
source 1..20
/organism='Solanum tuberosum'
/mol_type='genomic DNA'
/db_xref='taxon:4113'

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2386 ATTCACTCTCTTTTCCAG 2404
DB 20 ATACGCCCTCTTTCCAG 2

RESULT 1360
AB166603
LOCUS AB166603 20 bp DNA linear SYN 01-JUN-2004
DEFINITION Synthetic construct DNA, reverse primer for microsatellite
NRD1XMO12.
ACCESSION AB166603
VERSION AB166603.1 GI:47827149
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Ihara,N., Takasuga,A., Mizoshita,K., Takeda,H., Sugimoto,M.,
Mizoguchi,Y., Hirano,T., Itoh,T., Watanabe,T., Reed,K.M.,

Snelling, M.M., Kappes, S.M., Beattie, C.W., Bennett, G.L. and Sugimoto, Y.
A comprehensive genetic map of the cattle genome based on 3802 microsatellites
Unpublished
2 (bases 1 to 20)
Sugimoto, Y., Ihara, N. and Mizoshita, K.
Direct Submission
Submitted (04-MAR-2004) Yoshiharu Sugimoto, Shirakawa Institute of Animal Genetics, Odakura, Nishigo, Niimi-Shirakawa, Fukushima 961-8061, Japan (E-mail: kazusugi@slag.or.jp, Tel: 81-248-25-5641, Fax: 81-248-25-5725)
Location/Qualifiers
1. 20
/organism="synthetic construct"
/mol_type="other DNA"
/db_xref="taxon:32630"
/chromosome="20"
1. 20
/note="reverse primer for microsatellite NRDI012"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4601 ATGCACAGGCTGAGCCA 4619
DB 1 ATCCACAGGCTGAGCCA 19

RESULT 1361
LOCUS 109291 14 bp DNA 11near PAT 02-DEC-1994
DEFINITION Sequence 4 from Patent WO 8902471.
ACCESSION 109291
VERSION 109291.1 GI:587997
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 14)
AUTHORS Talmadge, K.D. and Hilliker, S.
TITLE RECOMBINANT DNA CONSTRUCTS CONTAINING AN r3 PROMOTER
JOURNAL Patent: WO 8902471-A 4 23-MAR-1989;
FEATURES Location/Qualifiers
1. 14
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5361 AATTAATAATTTT 5374
DB 1 AATTAATAATTTT 14

RESULT 1362
LOCUS AX572880 15 bp DNA 11near PAT 29-NOV-2002
DEFINITION Sequence 3 from Patent WO02059352.
ACCESSION AX572880
VERSION AX572880.1 GI:26004964
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Lopez-Calle, B., Fries, J. and Jungmann, J.
TITLE Methods and means for detecting enzymatic cleavage and linkage reactions
JOURNAL Patent: WO 02059352-A 3 01-AUG-2002;

Evotec OAI AG (DE)
Location/Qualifiers
1. 15
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="DNA"

Query Match 0.3%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1270 CCCACACACACC 1283
DB 1 CCCACACACACC 14

RESULT 1363
LOCUS AR080878/c 16 bp DNA 11near PAT 31-AUG-2000
DEFINITION Sequence 6 from patent US 5969116.
ACCESSION AR080878
VERSION AR080878.1 GI:10007607
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Martin, P.
TITLE Nucleosides and oligonucleotides having 2'-ether groups
JOURNAL Patent: US 5969116-A 6 19-OCT-1999;
FEATURES Location/Qualifiers
1. 16
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1187 GAGAGAGAGAGAA 1200
DB 16 GAGAGAGAGAGAA 3

RESULT 1364
LOCUS AR014264 17 bp DNA 11near PAT 05-DEC-1998
DEFINITION Sequence 29 from patent US 5773278.
ACCESSION AR014264
VERSION AR014264.1 GI:3971718
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Schuchman, E.H. and Desnick, R.J.
TITLE Acid sphingomyelinase gene
JOURNAL Patent: US 5773278-A 29 30-JUN-1998;
FEATURES Location/Qualifiers
1. 17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 620 ACTCCAGAGAGCTCT 633
DB 4 ACTCCAGAGAGCTCT 17

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RESULT 1365
AR091417
LOCUS AR091417 17 bp DNA linear PAT 07-SEP-2000
DEFINITION Sequence 7 from patent US 5994109.
ACCESSION AR091417
VERSION AR091417.1 GI:10018172
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS 1 (bases 1 to 17)
TITLE Nucleic acid transporter system and methods of use
JOURNAL Patent: US 5994109-A 7 30-NOV-1999;
FEATURES
source
/mol_type="unknown"

Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1184 AAGAGAGAGAGAG 1197
DB 1 AAGAGAGAGAGAG 14

RESULT 1366
AR091418/c
LOCUS AR091418 17 bp DNA linear PAT 07-SEP-2000
DEFINITION Sequence 8 from patent US 5994109.
ACCESSION AR091418
VERSION AR091418.1 GI:10018173
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS 1 (bases 1 to 17)
TITLE Nucleic acid transporter system and methods of use
JOURNAL Patent: US 5994109-A 8 30-NOV-1999;
FEATURES
source
/mol_type="unknown"

Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1187 GAGAGAGAGAGAA 1200
DB 14 GAGAGAGAGAGAA 1

RESULT 1367
AR091419
LOCUS AR091419 17 bp DNA linear PAT 07-SEP-2000
DEFINITION Sequence 9 from patent US 5994109.
ACCESSION AR091419
VERSION AR091419.1 GI:10018174
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS 1 (bases 1 to 17)
TITLE Nucleic acid transporter system and methods of use
JOURNAL Patent: US 5994109-A 9 30-NOV-1999;
FEATURES
source
/mol_type="unknown"
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/mol_type="unassigned DNA"

Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1184 AAGAGAGAGAGAG 1197
DB 1 AAGAGAGAGAGAG 14

RESULT 1368
AR125622
LOCUS AR125622 17 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 7 from patent US 6177554.
ACCESSION AR125622
VERSION AR125622.1 GI:14111684
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS 1 (bases 1 to 17)
TITLE Nucleic acid transporter systems
JOURNAL Patent: US 6177554-A 7 23-JAN-2001;
FEATURES
source
/mol_type="unknown"

Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1184 AAGAGAGAGAGAG 1197
DB 1 AAGAGAGAGAGAG 14

RESULT 1369
AR125623/c
LOCUS AR125623 17 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 8 from patent US 6177554.
ACCESSION AR125623
VERSION AR125623.1 GI:14111685
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS 1 (bases 1 to 17)
TITLE Nucleic acid transporter systems
JOURNAL Patent: US 6177554-A 8 23-JAN-2001;
FEATURES
source
/mol_type="unknown"

Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1187 GAGAGAGAGAGAA 1200
DB 14 GAGAGAGAGAGAA 1

RESULT 1370
AR125624
LOCUS AR125624 17 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 9 from patent US 6177554.
ACCESSION AR125624
VERSION AR125624.1 GI:14111686
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KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Woo, S.L.C., Smith, L.C., Cristofano, R.J., Gottschalk, S. and Sparrow, J.
TITLE Nucleic acid transporter systems
JOURNAL Patent: US 6177554-A 9 23-JAN-2001;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1184 AAAGAGAGAGAGAG 1197
Db 1 AAAGAGAGAGAGAG 14

RESULT 1371
BD197368 17 bp RNA linear PAT 17-JUL-2003
LOCUS Method and reagent for treating diseases or conditions concerning
DEFINITION molecule participating in vasculogenic response.
ACCESSION BD197368
VERSION BD197368.1 GI:33007138
KEYWORDS JP 2002509721-A/394.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
TITLE 1 (bases 1 to 17)
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
METHOD Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
PATENT: JP 2002509721-A 394 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC

COMMENT OS Homo sapiens (human)
PN JP 2002509721-A/394
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PR 27-MAR-1998 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
PC

C12N15/09, A61K31/7086, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
A61P29/00
PC A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC
C12N5/00
CC Method and reagent for treating diseases or conditions CC
concerning molecule
CC participating in vasculogenic response
FH Key Location/Qualifiers
FT source 1..17
Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"

FEATURES
source 1..17
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 88 GCGGCTCTCCGAC 101
Db 3 GCGGCTCTCCGAC 16

RESULT 1372
BD257706/c 17 bp DNA linear PAT 17-JUL-2003
LOCUS Regulation of repressor genes using nucleic acid molecules.
DEFINITION BD257706
ACCESSION BD257706.1 GI:33067476
VERSION JP 2002541795-A/5499.
KEYWORDS unidentified
SOURCE unidentified
ORGANISM unidentified

REFERENCE 1 (bases 1 to 17)
AUTHORS Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J.
TITLE Regulation of repressor genes using nucleic acid molecules
JOURNAL Patent: JP 2002541795-A 5499 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC

COMMENT OS Eukaryote
PN JP 2002541795-A/5499
PD 10-DEC-2002
PF 11-APR-2000 JP 200611654
PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN PC
C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC
C12P21/02,
PC

C12P21/02, C12P21/02//A61K31/711, (C12N5/10, C12R1.91), (C12P21/02, PC
C12R1.91).
PC (C12P21/02, C12R1.91), (C12P21/02, C12R1.91), C12N15/00, C12N5/00,
PC A61K37/02, (C12R1.91)
PC (C12N5/00, C12R1.91)
CC Regulation of repressor genes using nucleic acid molecules FH
Key Location/Qualifiers
FT source 1..17
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/mol_type="genomic DNA"
/db_xref="taxon:32644"

FEATURES
source 1..17
Location/Qualifiers
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5393 AAAAAATCAAAA 5406
Db 14 AAAAAATCAAAA 1

RESULT 1373
C0622024 17 bp DNA linear PAT 02-FEB-2004
LOCUS Sequence 6764 from Patent WO0192524.
DEFINITION C0622024
ACCESSION C0622024
VERSION C0622024.1 GI:41672242
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
TITLE 1
Myosin-like gene expressed in human heart and muscle
JOURNAL Shannon, M.E.
PATENT: WO 0192524-A 6764 06-DEC-2001;
Neomica, Inc. (US)
FEATURES Location/Qualifiers
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 CTCCTGAGACCT 3047
|||||
4 CTCCTGAGACCT 17

Db

RESULT 1374
LOCUS C0622028 17 bp DNA linear PAT 02-FEB-2004
DEFINITION Sequence 6768 from Patent WO0192524.
ACCESSION C0622028
VERSION C0622028.1 GI:41672246
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Gu.Y., Ji.Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Myosin-like gene expressed in human heart and muscle
JOURNAL Patent: WO 0192524-A 6768 06-DEC-2001;
Aeonica, Inc. (US)
FEATURES
source Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3035 TCCTGGAGACCTG 3048
|||||
1 TCCTGGAGACCTG 14

Db

RESULT 1375
LOCUS I73171 17 bp DNA linear PAT 03-APR-1998
DEFINITION Sequence 23 from patent US 5686240.
ACCESSION I73171
VERSION I73171.1 GI:3009310
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Schuchman,E.H. and Desnick,R.J.
TITLE Acid sphingomyelinase gene and diagnosis of Niemann-Pick disease
JOURNAL Patent: US 5686240-A 23 11-NOV-1997;
FEATURES
source Location/Qualifiers
1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 620 ACTCCAGAGCTCT 633
|||||
4 ACTCCAGAGCTCT 17

Db

RESULT 1376
LOCUS AR302290 17 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 29 from patent US 6541218.
ACCESSION AR302290
VERSION AR302290.1 GI:31690529

KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Schuchman,E.H. and Desnick,R.J.
TITLE Acid sphingomyelinase protein and methods of treating type B Niemann-Pick disease
JOURNAL Patent: US 6541218-A 29 01-APR-2003;
FEATURES
source Location/Qualifiers
1..17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 620 ACTCCAGAGCTCT 633
|||||
4 ACTCCAGAGCTCT 17

Db

RESULT 1377
LOCUS AR463087 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 6764 from patent US 6686188.
ACCESSION AR463087
VERSION AR463087.1 GI:42698144
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu.Y., Ji.Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 6764 03-FEB-2004;
FEATURES
source Location/Qualifiers
1..17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 CTCCTGAGACCT 3047
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4 CTCCTGAGACCT 17

Db

RESULT 1378
LOCUS AR463091 17 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 6768 from patent US 6686188.
ACCESSION AR463091
VERSION AR463091.1 GI:42698148
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu.Y., Ji.Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
JOURNAL Patent: US 6686188-A 6768 03-FEB-2004;
FEATURES
source Location/Qualifiers
1..17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3035 TCCTGAGACCTTG 3048
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1 TCCTGAGACCTTG 14

Db 1 TCCTGAGACCTTG 14

RESULT 1379
LOCUS AX226914 17 bp RNA linear PAT 10-SEP-2001
DEFINITION Sequence 286 from Patent WO0157206.
ACCESSION AX226914
VERSION AX226914.1 GI:15556055
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Patteay,A.R., Jarvis,T., Mcswiggen,J., Bocher,R.N. and Holman,P.S.
TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk
1) enzyme
JOURNAL Patent: WO 0157206-A 286 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Patteay, Ali R. (US)
location/Qualifiers
1.17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3820 GTTCACTTCCCTGT 3833
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2 GTTCACTTCCCTGT 15

Db 2 GTTCACTTCCCTGT 15

RESULT 1380
LOCUS AX226915 17 bp RNA linear PAT 10-SEP-2001
DEFINITION Sequence 287 from Patent WO0157206.
ACCESSION AX226915
VERSION AX226915.1 GI:15556056
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Patteay,A.R., Jarvis,T., Mcswiggen,J., Bocher,R.N. and Holman,P.S.
TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk
1) enzyme
JOURNAL Patent: WO 0157206-A 287 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Patteay, Ali R. (US)
location/Qualifiers
1.17
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/mol_type="unassigned RNA"
/db_xref="taxon:32630"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3820 GTTCACTTCCCTGT 3833
|||||
1 GTTCACTTCCCTGT 14

Db 1 GTTCACTTCCCTGT 14

RESULT 1381

AX423695
LOCUS AX423695 17 bp RNA linear PAT 18-JUN-2002
DEFINITION Sequence 2031 from Patent WO0188124.
ACCESSION AX423695
VERSION AX423695.1 GI:21527077
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Jarvis,T., von Carlowitz,I., Mcswiggen,J.A., McLaughlin,F.G. and
Randi,A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 2031 22-NOV-2001.
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
location/Qualifiers
1.17
/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 569 TGAAGAGAGAGAG 582
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2 TGAAGAGAGAGAG 15

Db 2 TGAAGAGAGAGAG 15

RESULT 1382
LOCUS AX423696 17 bp RNA linear PAT 18-JUN-2002
DEFINITION Sequence 2032 from Patent WO0188124.
ACCESSION AX423696
VERSION AX423696.1 GI:21527078
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Jarvis,T., von Carlowitz,I., Mcswiggen,J.A., McLaughlin,F.G. and
Randi,A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 2032 22-NOV-2001.
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
location/Qualifiers
1.17
/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 569 TGAAGAGAGAGAG 582
|||||
1 TGAAGAGAGAGAG 14

Db 1 TGAAGAGAGAGAG 14

RESULT 1383
LOCUS AX532370 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 1879 from Patent EP1239051.
ACCESSION AX532370
VERSION AX532370.1 GI:25256518
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

REFERENCE 1 Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.
AUTHORS Shannon,M.
TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 1879 11-SEP-2002;
Neomica, Inc. (US)
FEATURES
source
1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2860 AGCCCGACCATGCT 2873
DB 2 AGCCCGACCATGCT 15

RESULT 1384
AX532371 17 bp DNA PAT 22-NOV-2002
LOCUS Sequence 1880 from Patent EPI239051.
DEFINITION AX532371
ACCESSION AX532371
VERSION AX532371.1 GI:25256519
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.
REFERENCE 1 Shannon,M.
AUTHORS Human posh-like protein 1
TITLE Patent: EP 1239051-A 1880 11-SEP-2002;
JOURNAL Neomica, Inc. (US)
FEATURES
source
1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2860 AGCCCGACCATGCT 2873
DB 1 AGCCCGACCATGCT 14

RESULT 1385
AX672105 17 bp DNA PAT 27-MAR-2003
LOCUS Sequence 550 from Patent WO03004526.
DEFINITION AX672105
ACCESSION AX672105
VERSION AX672105.1 GI:29330453
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.
REFERENCE 1 Telemann,A., Amson,R. and Tuijinder,M.
AUTHORS Sequences involved in phenomena of tumour suppression, tumour
TITLE reversion, apoptosis and/or resistance to viruses and their use as
JOURNAL Patent: WO 03004526-A 550 16-JAN-2003;
FEATURES Molecular Engines Laboratories (FR)
source
1.17
/organism="Homo sapiens"

/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 ATCAGCTGACTTCT 294
DB 2 ATCAGCTGACTTCT 15

RESULT 1386
AX690592 17 bp DNA PAT 31-MAR-2003
LOCUS Sequence 3324 from Patent EPI281758.
DEFINITION AX690592
ACCESSION AX690592
VERSION AX690592.1 GI:29413473
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.
REFERENCE 1 Shannon,M., Gu,Y. and Nguyen,C.T.
AUTHORS Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
TITLE mdz12
JOURNAL Patent: EP 1281758-A 3324 05-FEB-2003;
FEATURES Neomica, Inc. (US)
source
1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 620 ACTCCAGAGCTCT 633
DB 4 ACTCCAGAGCTCT 17

RESULT 1387
AX690593 17 bp DNA PAT 31-MAR-2003
LOCUS Sequence 3325 from Patent EPI281758.
DEFINITION AX690593
ACCESSION AX690593
VERSION AX690593.1 GI:29413474
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.
REFERENCE 1 Shannon,M., Gu,Y. and Nguyen,C.T.
AUTHORS Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
TITLE mdz12
JOURNAL Patent: EP 1281758-A 3325 05-FEB-2003;
FEATURES Neomica, Inc. (US)
source
1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 620 ACTCCAGAGCTCT 633
DB 1 ACTCCAGAGCTCT 17

Db	3	ACTCAGAGGCTCT	16	
RESULT 1388				
LOCUS	AX729528		17 bp	DNA
DEFINITION	Sequence 1162 from Patent WO03025175.			linear
ACCESSION	AX729528			
VERSION	AX729528.1	GI:30506871		
KEYWORDS				
SOURCE				
ORGANISM	Homo sapiens (human)			
REFERENCE	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.			
AUTHORS	1			
TITLE	Tejerman,A., Amson,R. and Tuijinder,M.			
	Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines			
JOURNAL	Patent: WO 03025175-A 1162 27-MAR-2003;			
FEATURES	Molecular Engines Laboratories (FR)			
source	1..17			
	/organism="Homo sapiens"			
	/mol_type="unassigned DNA"			
	/db_xref="taxon:9606"			
Query Match	0.3%;	Score 14;	DB 1;	Length 17;
Best Local Similarity	100.0%;	Pred. No. 7.4e+02;		
Matches	14;	Conservative	0;	Mismatches 0;
				Indels 0;
				Gaps 0;
QY	3605	ATCTCAAACTCCTG	3618	
Db	2	ATCTCAAACTCCTG	15	
RESULT 1389				
LOCUS	AX731242		17 bp	DNA
DEFINITION	Sequence 2876 from Patent WO03025175.			linear
ACCESSION	AX731242			
VERSION	AX731242.1	GI:30510585		
KEYWORDS				
SOURCE				
ORGANISM	Homo sapiens (human)			
REFERENCE	Homo sapiens			
AUTHORS	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.			
TITLE	1			
	Tejerman,A., Amson,R. and Tuijinder,M.			
	Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines			
JOURNAL	Patent: WO 03025175-A 2876 27-MAR-2003;			
FEATURES	Molecular Engines Laboratories (FR)			
source	1..17			
	/organism="Homo sapiens"			
	/mol_type="unassigned DNA"			
	/db_xref="taxon:9606"			
Query Match	0.3%;	Score 14;	DB 1;	Length 17;
Best Local Similarity	100.0%;	Pred. No. 7.4e+02;		
Matches	14;	Conservative	0;	Mismatches 0;
				Indels 0;
				Gaps 0;
QY	1049	CCCCCACCACCA	1062	
Db	4	CCCCCACCACCA	17	
RESULT 1390				
LOCUS	AX736091		17 bp	DNA
DEFINITION	Sequence 1681 from Patent WO03025177.			linear
				PAT 08-MAY-2003

ACCESSION	AX736091	GI:30515368
KEYWORDS		
SOURCE		
ORGANISM	Homo sapiens (human)	
REFERENCE		
AUTHORS	1 Telerman,A., Amson,R. and Tuijinder,M.	
TITLE	Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments	
JOURNAL	Patent: WO 03025177-A 1681 27-MAR-2003;	
FEATURES	Molecular Engines Laboratories (FR)	
SOURCE	Location/Qualifiers	
	1..17	
	/organism="Homo sapiens"	
	/mol_type="unassigned DNA"	
	/db_xref="taxon:9606"	
Query Match	0.3%; Score 14; DB 1; Length 17;	
Best Local Similarity	100.0%; Pred. No. 7.4e+02;	
Matches	14; Conservative 0; Mismatches 0; Gaps 0;	
CY	3607 CTCGAACCTCCTGGA 3620	
Db	16 CTCGAACCTCCTGGA 3	
RESULT 1391		
LOCUS	AX757220 17 bp DNA linear PAT 25-JUN-2003	
DEFINITION	Sequence 541 from Patent WO03040369.	
ACCESSION	AX757220	
VERSION	AX757220.1 GI:32251836	
KEYWORDS		
SOURCE		
ORGANISM	Homo sapiens (human)	
REFERENCE		
AUTHORS	1 Telerman,A., Amson,R. and Tuijinder,M.	
TITLE	Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as medicines	
JOURNAL	Patent: WO 03040369-A 541 15-MAY-2003;	
FEATURES	Molecular Engines Laboratories (FR)	
SOURCE	Location/Qualifiers	
	1..17	
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	/mol_type="unassigned DNA"	
	/db_xref="taxon:9606"	
Query Match	0.3%; Score 14; DB 1; Length 17;	
Best Local Similarity	100.0%; Pred. No. 7.4e+02;	
Matches	14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
CY	5158 CTCTGGCTGTGTCA 5171	
Db	4 CTCTGGCTGTGTCA 17	
RESULT 1392		
LOCUS	AX760406 17 bp DNA linear PAT 25-JUN-2003	
DEFINITION	Sequence 3727 from Patent WO03040369.	
ACCESSION	AX760406	
VERSION	AX760406.1 GI:32255022	
KEYWORDS		
SOURCE		
ORGANISM	Homo sapiens (human)	
REFERENCE		
AUTHORS	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;	
TITLE	Mammalia; Butleria; Primates; Catarrhini; Hominiidae; Homo.	

REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijinder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as medicines
JOURNAL Patent: WO 03040369-A 3727 15-MAY-2003;
FEATURES Molecular Engines Laboratories (FR)
source Location/Qualifiers
1.17
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4882 TCTCTGCAACAG 4895
DB 3 TCTCTGCAACAG 16

RESULT 1393
AX762099/c
LOCUS AX762099 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 5420 from Patent WO03040369.
ACCESSION AX762099
VERSION AX762099.1 GI:32256715
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijinder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as medicines
JOURNAL Patent: WO 03040369-A 5420 15-MAY-2003;
FEATURES Molecular Engines Laboratories (FR)
source Location/Qualifiers
1.17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4440 GAAACCGAGGATC 4453
DB 14 GAAACCGAGGATC 1

RESULT 1394
A71392/c
LOCUS A71392 18 bp DNA linear PAT 07-MAY-1999
DEFINITION Sequence 3 from Patent WO9810094.
ACCESSION A71392
VERSION A71392.1 GI:4775006
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
unclassified.

REFERENCE 1 (bases 1 to 18)
AUTHORS Serio,M., Orlando,C., Pazzagli,M. and Seestini,R.
TITLE PLASMIDS CONTAINING TWO OR MORE COMPETITORS IN SEQUENCE AND THEIR APPLICATION IN COMPETITIVE-PCR TECHNIQUES
JOURNAL Patent: WO 9810094-A 3 12-MAR-1998;
COMMENT SERIO MARIO (IT)
FEATURES Other publication IT F1960208 19980305.
Location/Qualifiers

source 1.18
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2619 CCTGATGACGTGG 2632
DB 16 CCTGATGACGTGG 3

RESULT 1395
A71397/c
LOCUS A71397 18 bp DNA linear PAT 07-MAY-1999
DEFINITION Sequence 8 from Patent WO9810094.
ACCESSION A71397
VERSION A71397.1 GI:4775011
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
unclassified.

REFERENCE 1 (bases 1 to 18)
AUTHORS Serio,M., Orlando,C., Pazzagli,M. and Seestini,R.
TITLE PLASMIDS CONTAINING TWO OR MORE COMPETITORS IN SEQUENCE AND THEIR APPLICATION IN COMPETITIVE-PCR TECHNIQUES
JOURNAL Patent: WO 9810094-A 8 12-MAR-1998;
COMMENT SERIO MARIO (IT)
FEATURES Other publication IT F1960208 19980305.
source Location/Qualifiers
1.18
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2619 CCTGATGACGTGG 2632
DB 16 CCTGATGACGTGG 3

RESULT 1396
AR047446
LOCUS AR047446 18 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 2239 from patent US 5817796.
ACCESSION AR047446
VERSION AR047446.1 GI:5968911
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
unclassified.

REFERENCE 1 (bases 1 to 18)
AUTHORS Stinchcomb,D.T., Draper,K., McSwigen,J. and Jarvis,T.
TITLE C-myc ribozymes having 2'-5'-linked adenylylate residues
JOURNAL Patent: US 5817796-A 2239 06-OCT-1998;
FEATURES Location/Qualifiers
1.18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 117 CCTGAGCTCAAG 130
DB 1 CCTGAGCTCAAG 14

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RESULT 1397
AR136607
LOCUS AR136607 18 bp DNA linear PAT 16-JUN-2001
DEFINITION Sequence 97 from patent US 6136952.
ACCESSION AR136607
VERSION AR136607.1 GI:14477279
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 18)
AUTHORS Li, L. and Hood, L.
JOURNAL Human jagged polypeptide, encoding nucleic acids and methods of use
FEATURES
source
/mol_type="unassigned DNA"

Query Match
0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4467 TACTGTGATCCCTC 4480
DB 5 TACTGTGATCCCTC 18

RESULT 1398
I13765/C
LOCUS I13765 18 bp DNA linear PAT 26-SEP-1995
DEFINITION Sequence 6 from patent US 5441883.
ACCESSION I13765
VERSION I13765.1 GI:996195
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 18)
AUTHORS Civeill, O. and Zhou, Q.-Y.
JOURNAL A3 adenosine receptor, DNA, and uses
FEATURES
source
/mol_type="unassigned DNA"

Query Match
0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2816 AGAGCTTCAGCTG 2829
DB 17 AGAGCTTCAGCTG 4

RESULT 1399
I54498
LOCUS I54498 18 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 2239 from patent US 5646042.
ACCESSION I54498
VERSION I54498.1 GI:2475701
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 18)
AUTHORS Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.
JOURNAL C-myd targeted ribozymes
FEATURES
source
/mol_type="unassigned DNA"

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/mol_type="unassigned DNA"

Query Match
0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 117 CCTTGACGCTCAAG 130
DB 1 CCTTGACGCTCAAG 14

RESULT 1400
AR255300
LOCUS AR255300 18 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 4 from patent US 6482593.
ACCESSION AR255300
VERSION AR255300.1 GI:27304349
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 18)
AUTHORS Walt, D.R. and Healey, B.G.
JOURNAL Fiber optic biosensor for selectively detecting oligonucleotide
FEATURES
source
/mol_type="unassigned DNA"

Query Match
0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 7.6e+02;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 3319 AACCTGATGACGTTG 3334
DB 3 AACCTGATGACGTTG 18

RESULT 1401
AR482404
LOCUS AR482404 18 bp DNA linear PAT 14-MAY-2004
DEFINITION Sequence 97 from patent US 6703198.
ACCESSION AR482404
VERSION AR482404.1 GI:4724725
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 18)
AUTHORS Li, L., Hood, L., Krantz, I.D. and Spinner, N.B.
JOURNAL Methods of diagnosing alagille syndrome
FEATURES
source
/mol_type="unassigned DNA"

Query Match
0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4467 TACTGTGATCCCTC 4480
DB 5 TACTGTGATCCCTC 18

RESULT 1402
AX101065
LOCUS AX101065 18 bp DNA linear PAT 10-APR-2001
DEFINITION Sequence 39 from Patent WO0121822.

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ACCESSION AX101065
 VERSION AX101065.1 GI:13619921
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM
 REFERENCE 1
 AUTHORS Dean,C. and Levy,Y.Y.
 TITLE Methods and means for modification of plant flowering characteristics
 JOURNAL Patent: WO 0121822-A 39 29-MAR-2001;
 Plant Bioscience Limited (GB)
 FEATURES
 source Location/Qualifiers
 1.18
 /organism="synthetic construct"
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 /db_xref="taxon:32630"
 /note="Oligonucleotide"
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 Best Local Similarity 100.0%; Pred. No. 7.6e+02;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1182 AGAAGAGAGAGAG 1195
 DB 3 AGAAGAGAGAGAG 16
 RESULT 1403
 AX101067/c 18 bp DNA linear PAT 10-APR-2001
 LOCUS
 DEFINITION Sequence 41 from Patent WO0121822.
 ACCESSION AX101067
 VERSION AX101067.1 GI:13619923
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM
 REFERENCE 1
 AUTHORS Dean,C. and Levy,Y.Y.
 TITLE Methods and means for modification of plant flowering characteristics
 JOURNAL Patent: WO 0121822-A 41 29-MAR-2001;
 Plant Bioscience Limited (GB)
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 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="Oligonucleotide"
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 Best Local Similarity 100.0%; Pred. No. 7.6e+02;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1182 AGAAGAGAGAGAG 1195
 DB 14 AGAAGAGAGAGAG 1
 RESULT 1404
 BD085719 18 bp DNA linear PAT 27-AUG-2002
 LOCUS
 DEFINITION Scavenger receptor-like protein.
 ACCESSION BD085719
 VERSION BD085719.1 GI:22631329
 KEYWORDS JP 2001340089-A/10.
 SOURCE synthetic construct
 ORGANISM
 REFERENCE 1 (bases 1 to 18)
 AUTHORS Yoshida,T., Tsuruta,Y., Suzuki,R. and Ochi,T.
 TITLE Scavenger receptor-like protein

JOURNAL Patent: JP 2001340089-A 10 11-DEC-2001;
 SHIONOGI & CO LTD
 OS Artificial Sequence
 PN JP 2001340089-A/10
 PD 11-DEC-2001
 PF 08-DEC-2000 JP 2000375066
 PT TETSUYA YOSHIDA,YUJI TSURUTA,YUJI SUZUKI,TAKAHIRO OCHI PC
 C12N15/09,A01K67/027,A61K38/00,A61K45/00,A61K48/00,A61P3/10, PC
 A61P9/10,
 PC A61P9/14,A61P25/28,A61P27/02,A61P29/00,A61P35/00,A61P37/00, PC
 C07K14/705,
 PC C07K16/28,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12N5/10 PC
 ,C12P21/02,C12P21/08
 PC C12Q1/00,C12N15/00,A61K37/02,C12N5/00,C12N5/00 CC
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 FH Key Location/Qualifiers
 FH source 1.18
 FT /organism='Artificial Sequence'.
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 /mol_type="genomic DNA"
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 Query Match 0.3%; Score 14; DB 1; Length 18;
 Best Local Similarity 100.0%; Pred. No. 7.6e+02;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 2576 AGATGGAGAACATC 2589
 DB 2 AGATGGAGAACATC 15
 RESULT 1405
 AR123684 19 bp DNA linear PAT 16-MAY-2001
 LOCUS
 DEFINITION Sequence 22 from patent US 6171788.
 ACCESSION AR123684
 VERSION AR123684.1 GI:14109045
 KEYWORDS
 SOURCE Unknown.
 ORGANISM
 REFERENCE 1 (bases 1 to 19)
 AUTHORS Nguyen,T.D., Polansky,J.R., Chen,P. and Chen,H.
 TITLE Methods for the diagnosis, prognosis and treatment of glaucoma and related disorders
 JOURNAL Patent: US 6171788-A 22 09-JAN-2001;
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 source Location/Qualifiers
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 /mol_type="unassigned DNA"
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 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 109 CTTCTCAGCCTTGC 122
 DB 2 CTTCTCAGCCTTGC 15
 RESULT 1406
 BD237955 19 bp DNA linear PAT 17-JUL-2003
 LOCUS
 DEFINITION Nucleic acids, kits, and methods for the diagnosis, prognosis and treatment of glaucoma and related disorders.
 ACCESSION BD237955
 VERSION BD237955.1 GI:33047725
 KEYWORDS JP 2002534135-A/22.
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens

REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
1 (bases 1 to 19)
Nucleic acids, kites, and methods for the diagnosis, prognosis and
treatment of glaucoma and related disorders
Patent: JP 200253435-A 22 15-OCT-2002;
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
OS Homo sapiens (human)
PN JP 200253435-A/22
PD 15-OCT-2002
PF 11-JAN-2000 JP 2000593777
PI 11-JAN-1999 US 09/227881,07-MAY-1999 US 09/306828 PI
THAI D NGUYEN JON R POLANSKY, PU CHEN, HUA CHEN PC
C12N15/09,A61K31/573,A61K45/00,A61P27/06,C12N1/15,C12N1/19, PC
C12N1/21,
PC C12N5/10,C12Q1/68,G01N33/53,G01N33/566,C12N15/00,C12N5/00 CC
Nucleic acids, kites, and methods for the diagnosis, prognosis CC
and
CC treatment of glaucoma and related disorders
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Location/Qualifiers
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Query Match 0.3%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 109 CTTCTCAGCCTTGC 122
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2 CTTCTCAGCCTTGC 15

RESULT 1407
ARI95417
LOCUS ARI95417 19 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 10 from patent US 6350867.
ACCESSION ARI95417
VERSION ARI95417.1 GI:20244854
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 19)
AUTHORS Hart,T.C. and Price,J.A.
TITLE Compositions and methods for enhancing osseous growth, repair and
regeneration
JOURNAL Patent: US 6350867-A 10 26-FEB-2002;
FEATURES Location/Qualifiers
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source /organism='unknown'
/mol_type='unassigned DNA'

Query Match 0.3%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5029 CCATCTGAGCTGG 5042
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2 CCATCTGAGCTGG 15

RESULT 1408
AR242765
LOCUS AR242765 19 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 22 from patent US 6475724.
ACCESSION AR242765
VERSION AR242765.1 GI:27289404

KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source

Unknown.
Unknown.
Unclassified.
1 (bases 1 to 19)
Nucleic acids, kites, and methods for the diagnosis, prognosis and
treatment of glaucoma and related disorders
Patent: US 6475724-A 22 05-NOV-2002;
Location/Qualifiers
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/mol_type='genomic DNA'

Query Match 0.3%; Score 14; DB 1; Length 19;
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Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 109 CTTCTCAGCCTTGC 122
|||||
2 CTTCTCAGCCTTGC 15

RESULT 1409
AX132563/C
LOCUS AX132563 19 bp DNA linear PAT 15-MAY-2001
DEFINITION Sequence 3781 from Patent WO0130362.
ACCESSION AX132563
VERSION AX132563.1 GI:14138868
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
1
AUTHORS Robbins,J.M. and Tritz,R.
TITLE Ribozyme therapy for the treatment of proliferative skin and eye
diseases
JOURNAL Patent: WO 0130362-A 3781 03-MAY-2001;
IMMUSOL, INC. (US)
FEATURES Location/Qualifiers
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source /organism='Homo sapiens'
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Query Match 0.3%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1480 CCAGGCTGATAC 1493
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19 CCAGGCTGATAC 6

RESULT 1410
BD065060
LOCUS BD065060 19 bp DNA linear PAT 27-AUG-2002
DEFINITION Methods for the diagnosis, prognosis and treatment of glaucoma and
related disorders.
ACCESSION BD065060
BD065060.1 GI:22610663
KEYWORDS JP 2001509669-A/22.
SOURCE unidentified
ORGANISM unidentified
REFERENCE Unclassified.
1 (bases 1 to 19)
AUTHORS Nguyen,T.D., Polansky,J.R., Chen,P. and Chen,H.
TITLE Methods for the diagnosis, prognosis and treatment of glaucoma and
related disorders
JOURNAL Patent: JP 2001509669-A 22 24-JUL-2001;
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

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COMMENT      OS      Unidentified
              PN      JP 2001509669-A/22
              PD      24-JUL-2001
              PF      09-JAN-1998 JP 1996532017
              PR      28-JAN-1997 US 08/791154.26-SRP-1997 US 08/938669 PI
              THAI D NGUYEN, JON R POLANSKY, PU CHEN, HUA CHEN PC
              C12N15/12, C12Q1/66, C07K14/47, A61K31/70
              CC      Strandedness: Single;
              CC      Topology: Linear;
              CC      Methods for the diagnosis, prognosis and
              treatment of glaucoma
              CC      disorders and related
              FH      Key
              FT      source
              Location/Qualifiers
FEATURES      source
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Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      109 CTTCTCAGCCTTGC 122
Db      2 CTTCTCAGCCTTGC 15

RESULT 1411
A78831
LOCUS      A78831 20 bp DNA linear PAT 19-OCT-1999
DEFINITION Sequence 9 from Patent EP0560156.
ACCESSION  A78831
VERSION     A78831.1 GI:6090423
KEYWORDS
SOURCE      unidentified
ORGANISM    unidentified
REFERENCE   1 (bases 1 to 20)
AUTHORS     Springer, W.D. and Baumgarten, J.D.
TITLE       PSEUDORABIES VIRUS POLYNUCLEOTIDS AND THEIR USE IN THE PRODUCTION
OF VIRUS-RESISTANT EUKARYOTIC CELLS
JOURNAL     Patent: EP 0560156-A 9 15-SRP-1993;
            BAYER AG (DE)
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            /mol_type="unassigned DNA"
            /db_xref="taxon:32644"

Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1052 CCACATCCACAGCA 1065
Db      3 CCACATCCACAGCA 16

RESULT 1412
AR025475
LOCUS      AR025475 20 bp DNA linear PAT 05-DEC-1998
DEFINITION Sequence 9 from patent US 5798265.
ACCESSION  AR025475
VERSION     AR025475.1 GI:3978103
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 20)
AUTHORS
TITLE
JOURNAL
FEATURES
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Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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AUTHORS      Springer, W., Baumgarten, J., Kretschmer, A., Kolbl, H., Lobberding, A.,
              Strube, W. and Thein, P.
TITLE        Pseudorabies virus (PRV) polynucleotides and their use for
              preparing virus-resistant eukaryotic cells
JOURNAL      Patent: US 5798265-A 9 25-AUG-1998;
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Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1052 CCACATCCACAGCA 1065
Db      3 CCACATCCACAGCA 16

RESULT 1413
AR067416
LOCUS      AR067416 20 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 13 from patent US 5851763.
ACCESSION  AR067416
VERSION     AR067416.1 GI:5998638
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 20)
AUTHORS     Heyn, B., Cole, S., Young, D., Zhang, Y., Honore, N., Telenti, A. and
            Bodmer, T.
TITLE       Rapid detection of antibiotic resistance in mycobacterium
            tuberculosis
JOURNAL     Patent: US 5851763-A 13 22-DEC-1998;
FEATURES
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Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      747 GCAGATGGGCTGA 760
Db      1 GCAGATGGGCTGA 14

RESULT 1414
AR071620/c
LOCUS      AR071620/c 20 bp DNA linear PAT 18-FEB-2000
DEFINITION Sequence 58 from patent US 5912120.
ACCESSION  AR071620
VERSION     AR071620.1 GI:7222508
KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 20)
AUTHORS     Goldstein, J.A. and De Norais, S.M.F.
TITLE       Cloning, expression and diagnosis of human cytochrome P450 2C19:
            the principal determinant of s-mephenytoin metabolism
JOURNAL     Patent: US 5912120-A 58 15-JUN-1999;
FEATURES
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Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 4724 ACCAGCCCTGAG 4737
Db 15 ACCAGCCCTGAG 2

RESULT 1415
LOCUS AR158934 20 bp DNA 1linear PAT 17-OCT-2001
DEFINITION Sequence 556 from patent US 6251588.
ACCESSION AR158934
VERSION AR158934.1 GI:16221347
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE
AUTHORS 1 (bases 1 to 20)
Shannon,K.W., Wolber,P.K., Delenstarr,G.C., Webb,P.G. and Kincaid,R.H.
TITLE Method for evaluating oligonucleotide probe sequences
JOURNAL Patent: US 6251588-A 556 26-JUN-2001;
FEATURES
Source Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8e+02; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0;

Qy 5403 AAAAAAGAAAAAT 5416
Db 15 AAAAAAGAAAAAT 2

RESULT 1416
LOCUS AR158935 20 bp DNA 1linear PAT 17-OCT-2001
DEFINITION Sequence 557 from patent US 6251588.
ACCESSION AR158935
VERSION AR158935.1 GI:16221349
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE
AUTHORS 1 (bases 1 to 20)
Shannon,K.W., Wolber,P.K., Delenstarr,G.C., Webb,P.G. and Kincaid,R.H.
TITLE Method for evaluating oligonucleotide probe sequences
JOURNAL Patent: US 6251588-A 557 26-JUN-2001;
FEATURES
Source Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8e+02; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0;

Qy 5403 AAAAAAGAAAAAT 5416
Db 14 AAAAAAGAAAAAT 1

RESULT 1417
LOCUS AR163770 20 bp DNA 1linear PAT 17-OCT-2001
DEFINITION Sequence 57 from patent US 6271029.
ACCESSION AR163770
VERSION AR163770.1 GI:16234493
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)
AUTHORS Bennett,C.Frank. and Cowart,L.M.
TITLE Antisense inhibition of cyclohexin-2 expression
JOURNAL Patent: US 6271029-A 57 07-AUG-2001;
FEATURES
Source Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"

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Best Local Similarity 100.0%; Pred. No. 8e+02; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0;

Qy 4141 CTGAAACCCGAG 4154
Db 1 CTGAAACCCGAG 14

RESULT 1418
LOCUS BD206227/c 20 bp DNA 1linear PAT 17-JUL-2003
DEFINITION Process for producing polypeptide in mold variant cell.
ACCESSION BD206227
VERSION BD206227.1 GI:33015997
KEYWORDS JP 2002515252-A/40.
SOURCE Aspergillus oryzae
ORGANISM Aspergillus oryzae

REFERENCE
AUTHORS 1 (bases 1 to 20)
Wahlthner,J. and Christensen,T.
TITLE Process for producing polypeptide in mold variant cell
JOURNAL Patent: JP 2002515252-A 40 28-MAY-2002;
COMMENT NOVO NORDISK BIOTECH INC,NOVO NORDISK AS
OS Aspergillus oryzae
PN JP 2002515252-A/40
PD 28-MAY-2002
PR 14-MAY-1999 JP 2000549742
PR 15-MAY-1998 US 09/079601,15-MAY-1998 US 09/079344 PI
JTUL WAHLTHNER,TOVB CHRISTENSEN
PC C12N15/09,C07K14/38,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12N9/PC
00,C12N9/30,
PC C12P21/00,C12P21/02//C12N1/15,C12R1:685),C12N1/15,C12R1:69),
PC C12N1/21,C12R1:19),C12N9/30,C12R1:19),C12N15/00,C12N5/00 CC
Process for producing polypeptide in mold variant cell. FH Key
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/mol_type="genomic DNA"
/db_xref="taxon:5062"

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8e+02; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0;

Qy 4441 AAACGAGAGATCT 4454
Db 17 AAACGAGAGATCT 4

RESULT 1419
LOCUS BD230529 20 bp DNA 1linear PAT 17-JUL-2003
DEFINITION Total genome radiation hybrid map of canine genome and its use for identification of interesting genes.
ACCESSION BD230529
VERSION BD230529.1 GI:33040299
KEYWORDS JP 2002530091-A/398.
SOURCE Canis familiaris (dog)
ORGANISM Canis familiaris

REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.
1 (bases 1 to 20)
Galibert,F. and Andre,C.
Total genome radiation hybrid map of canine genome and its use for
identification of interesting genes
Patent: JP 2002530091-A 398 17-SEP-2002;
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
OS Canis familiaris (dog)
PN JP 2002530091-A/398
PD 17-SEP-2002
PR 15-NOV-1999 JP 2000582596
PI FRANCIS GALIBERT,CATHERINE ANDRE
PC C12N15/09,C12Q1/68,C12N15/00
CC B01481R
FH Key
FT source
Location/Qualifiers
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/mol_type='genomic DNA'
/db_xref='taxon:9615'

FEATURES
source

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2563 GAGGGGAGAGAGA 2576
DB 1 GAGGGGAGAGAGA 14

RESULT 1420
BD230591 20 bp DNA linear PAT 17-JUL-2003
LOCUS
DEFINITION
Total genome radiation hybrid map of canine genome and its use for
identification of interesting genes.
BD230591
ACCESSION BD230591.1 GI:33040361
VERSION JP 2002530091-A/460.
KEYWORDS Canis familiaris (dog)
SOURCE Canis familiaris
ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.
1 (bases 1 to 20)
Galibert,F. and Andre,C.
Total genome radiation hybrid map of canine genome and its use for
identification of interesting genes
Patent: JP 2002530091-A 460 17-SEP-2002;
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
OS Canis familiaris (dog)
PN JP 2002530091-A/460
PD 17-SEP-2002 JP 2000582596
PR 15-NOV-1999 JP 2000582596
PI FRANCIS GALIBERT,CATHERINE ANDRE
PC C12N15/09,C12Q1/68,C12N15/00
CC B01481R
FH Key
FT source
Location/Qualifiers
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Location/Qualifiers
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/mol_type='genomic DNA'
/db_xref='taxon:9615'

FEATURES
source

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2563 GAGGGGAGAGAGA 2576
DB 1 GAGGGGAGAGAGA 14

QY 2563 GAGGGGAGAGAGA 2576
DB 1 GAGGGGAGAGAGA 14

RESULT 1421
E10487 20 bp DNA linear PAT 29-SEP-1997
LOCUS
DEFINITION
Primer.
E10487
ACCESSION E10487.1 GI:22027320
VERSION JP 1995327700-A/28.
KEYWORDS
SOURCE unclassified
ORGANISM unclassified
REFERENCE 1 (bases 1 to 20)
Oshima,A. and Ishiko,H.
METHOD FOR DETECTING AND DIFFERENTIATING ADENOVIRUS AND
OLIGONUCLEOTIDE AND DNA FRAGMENT USED THEREFOR
Patent: JP 1995327700-A 28 19-DEC-1995;
MITSUBISHI KAGAKU B C L:KK
OS None
OC Artificial sequences.
PN JP 1995327700-A/28
PD 19-DEC-1995
PR 08-JUN-1994 JP 1994126163
PI OSHIMA AKIRA, ISHIRO HIROAKI
PC C12Q1/70,C07H21/04,C07K14/075,C12N15/09,C12Q1/68; CC
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CC topology: Linear;
FH Key
FT source
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Location/Qualifiers
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/mol_type='genomic DNA'
/db_xref='taxon:32644'

FEATURES
source

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 858 CTCACCGCAGTGC 871
DB 4 CTCACCGCAGTGC 17

RESULT 1422
E14841 20 bp DNA linear PAT 28-JUL-1999
LOCUS
DEFINITION
PCR primer for detecting M2 mutation in exon 4 of human cytochrome
P450 2C19 gene.
E14841
ACCESSION E14841.1 GI:5709524
VERSION JP 1998014585-A/6.
KEYWORDS unclassified
SOURCE unclassified
ORGANISM unclassified
REFERENCE 1 (bases 1 to 20)
Kubota,T.
NEW OLIGONUCLEOTIDE PRIMER AND EXAMINATION OF POINT MUTATION IN
EXON 4 OF HUMAN CYTOCHROME P450 2C19 GENE USING THE SAME
Patent: JP 1998014585-A 6 20-JAN-1998;
S R L:KK
OS None
OC Artificial sequences.
PN JP 1998014585-A/6
PD 20-JAN-1998
PR 05-JUL-1996 JP 1996195360
PI KUBOTA TAKAHIRO


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PC C12N15/09,C07H21/04,C12Q1/68;
CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
CC anti-sense: Yes;
FH Key
FH source
FT 1.20
/organism="Artificial sequences".
FEATURES
source
1.20
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4724 ACCGAGCCTGAG 4737
DB 15 ACCGAGCCTGAG 2

RESULT 1423
E38861/c
LOCUS E38861 20 bp DNA linear PAT 18-JUN-2001
DEFINITION Chimeric animal and method for constructing the same.
ACCESSION E38861
VERSION E38861.1 GI:13017609
KEYWORDS JP 1999313576-A/11.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
1 (bases 1 to 20)
AUTHORS Kazuma,T., Hitoshi,Y., Kazunori,H., Mitsuo,O. and Isao,I.
TITLE Chimeric animal and method for constructing the same
JOURNAL Patent: JP 1999313576-A 11 16-NOV-1999;
KIRIN BREWERY CO LTD
OS Artificial Sequence
PN JP 1999313576-A/11
PD 16-NOV-1999
PF 23-MAR-1999 JP 1999078572
PR
PI KAZUMA TOMIZUKA,HITOSHI YOSHIDA,KAZUNORI HANAOKA, PI MITSUO
OSHIMURA,
PI ISAO ISHIDA
PC A01K67/027,C12N5/10,C12N15/02,C12P21/08,C12N5/00,C12N15/00 CC

FH Key
FH source
FT 1.20
/organism="Artificial Sequence".
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source
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/mol_type="genomic DNA"
/db_xref="taxon:32630"

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Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1906 GCTCTGCAGAACT 1919
DB 17 GCTCTGCAGAACT 4

RESULT 1424
AR268296/c
LOCUS AR268296 20 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 88 from patent US 6498035.
ACCESSION AR268296
VERSION AR268296.1 GI:29698571

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KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
TITLE Wyatt,J.
JOURNAL Antisense modulation of MEK3 expression
FEATURES Patent: US 6498035-A 88 24-DEC-2002;
source
1.20
/organism="unknown"
/mol_type="genomic DNA"

Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1518 GCAGGGGCTGCTG 1531
DB 16 GCAGGGGCTGCTG 3

RESULT 1425
AR314691/c
LOCUS AR314691 20 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 5228 from patent US 6559294.
ACCESSION AR314691
VERSION AR314691.1 GI:31708117
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
1 (bases 1 to 20)
AUTHORS Griffiths,R., Hoiseeth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
Santharan,B. and Fletcher,L.D.
TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 5228 06-MAY-2003;
FEATURES Location/Qualifiers
source
1.20
/organism="unknown"
/mol_type="genomic DNA"

Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4773 GAAGGCGAGCAAA 4786
DB 18 GAAGGCGAGCAAAA 5

RESULT 1426
AR409523/c
LOCUS AR409523 20 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 11 from patent US 6632976.
ACCESSION AR409523
VERSION AR409523.1 GI:40160496
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
1 (bases 1 to 20)
AUTHORS Tomizuka,K., Yoshida,H., Hanaoka,K., Oshimura,M. and Ishida,I.
TITLE Chimeric mice that are produced by microcell mediated chromosome
transfer and that retain a human antibody gene
JOURNAL Patent: US 6632976-A 11 14-OCT-2003;
FEATURES Location/Qualifiers
source
1.20
/organism="unknown"
/mol_type="genomic DNA"

Query Match
Best Local Similarity 100.0%; Score 14; DB 1; Length 20;

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Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1906 GCTCTGCAGACT 1919
Db 17 GCTCTGCAGACT 4

RESULT 1427
AR487652/c
LOCUS AR487652 20 bp DNA PAT 14-MAY-2004
DEFINITION Sequence 14 from patent US 6706523.
ACCESSION AR487652
VERSION AR487652.1 GI:47252943
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 20)
AUTHORS Fu, Z.F.
TITLE Attenuated rabies virus with nucleoprotein mutation at the phosphorylation site for vaccination against rabies and gene therapy in the CNS
JOURNAL Patent: US 6706523-A 14 16-MAR-2004;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3623 TGAGCAAGATCTTC 3636
Db 19 TGAGCAAGATCTTC 6

RESULT 1428
AX117414
LOCUS AX117414 20 bp DNA PAT 11-MAY-2001
DEFINITION Sequence 2537 from Patent WO0129262.
ACCESSION AX117414
VERSION AX117414.1 GI:14034365
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Picoult-Newburg, L. and Pohl, M.
TITLE Genotyping reagents, kits and methods of use thereof
JOURNAL Patent: WO 0129262-A 2537 26-APR-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3167 CCAACACCTTTC 3180
Db 7 CCAACACCTTTC 20

RESULT 1429
AX297370/c
LOCUS AX297370 20 bp DNA PAT 21-NOV-2001
DEFINITION Sequence 9132 from Patent WO0179548.
ACCESSION AX297370

VERSION AX297370.1 GI:17059061
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Barany, F., Zivvi, M., Gerry, N.P., Favis, R. and Kliman, R.
TITLE Method of designing addressable array for detection of nucleic acid sequence differences using ligase detection reaction
JOURNAL Patent: WO 0179548-A 9132 25-OCT-2001;
FEATURES CORNELL RESEARCH FOUNDATION, INC. (US)
Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4836 CTTCAGTCTCGCT 4849
Db 14 CTTCAGTCTCGCT 1

RESULT 1430
AX817697
LOCUS AX817697 20 bp DNA PAT 10-DEC-2003
DEFINITION Sequence 445 from Patent WO02081517.
ACCESSION AX817697
VERSION AX817697.1 GI:39722889
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Decristofaro, M.F., Padigaru, M., Miller, C., Tchernev, V., Zhong, H., Zhong, M., Anderson, D., Ballinger, R., Gerlach, V., Spytek, K.A., Rastelli, L., Kekuda, R., Guo, X., Zehrsen, B., Andrew, D., Mezes, P., Paturajan, M., Burgess, C.E., Eisen, A., Wolenc, A., Baumgartner, J., Shimkova, R.A., Gusev, V., Verne, C.A., Taupier, R.J., Pena, C., Shenoy, S., Li, L., Casman, S., Bolgog, F., Fernandes, B., Smithson, G., Malysankar, U., Tallon, B. and Liu, X.
TITLE Novel polypeptides and nucleic acids encoded thereby
JOURNAL Patent: WO 02081517-A 445 17-OCT-2002;
FEATURES Location/Qualifiers
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/mol_type="unassigned DNA"
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/note="Description of Artificial Sequence: PCR Primer Sequence"

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Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4498 CCTTCACCTTCGA 4511
Db 1 CCTTCACCTTCGA 14

RESULT 1431
AX817703
LOCUS AX817703 20 bp DNA PAT 10-DEC-2003
DEFINITION Sequence 451 from Patent WO02081517.
ACCESSION AX817703
VERSION AX817703.1 GI:39722895
KEYWORDS
SOURCE synthetic construct

ORGANISM synthetic construct
artificial sequences.

REFERENCE
AUTHORS Decristofaro, M. F., Padigaru, M., Miller, C., Tchernev, V., Zhong, H.,
Zhong, M., Anderson, D., Ballinger, R., Gerlach, V., Spytek, K. A.,
Rastelli, L., Kekuda, R., Guo, X., Zehrsen, B., Andrew, D., Mezes, P.,
Paturajan, M., Burgess, C. E., Eiben, A., Wojenc, A., Baumgartner, J.,
Shimberg, R. A., Gusev, V., Vernet, C. A., Taupier, R. J., Pena, C.,
Shenoy, S., Li, L., Caeman, S., Bojgog, F., Fernandes, E., Smithson, G.,
Malyancker, U., Tallon, B. and Liu, X.
TITLE Novel polypeptides and nucleic acids encoded thereby
JOURNAL Patent: WO 02081517-A 451 17-OCT-2002;
Curagen Corporation (US)

FEATURES
source Location/Qualifiers
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/organism="synthetic construct"
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/db_xref="taxon:32630"
/note="Description of Artificial Sequence: PCR Primer
sequence"

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Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4498 CCTTCACTCTGGA 4511
DB 1 CCTTCACTCTGGA 14

RESULT 1432
AX937886 20 bp DNA linear PAT 06-JAN-2004
LOCUS AX937886
DEFINITION Sequence 154 from Patent WO03091381.
ACCESSION AX937886
VERSION AX937886.1 GI:40713868
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE
1
AUTHORS Rappold, G. A. and Kirsch, S.
TITLE Height-related gene
JOURNAL Patent: WO 03091381-A 154 06-NOV-2003;
Rappold, Gudrun A. (DE)
FEATURES
source Location/Qualifiers
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/organism="synthetic construct"
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Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 621 CTCGAGAGCTCTT 634
DB 5 CTCGAGAGCTCTT 18

RESULT 1433
BD090844/c 20 bp DNA linear PAT 27-AUG-2002
LOCUS BD090844
DEFINITION Mammalian osteo regulin.
ACCESSION BD090844
VERSION BD090844.1 GI:22636454
KEYWORDS JP 2001321187-A/28
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
REFERENCE
1 (bases 1 to 20)

AUTHORS Brown, T. A., Wet, J. R. D., Gowen, L. C. and Hames, L. M.
TITLE Mammalian osteo regulin
JOURNAL Patent: JP 2001321187-A 28 20-NOV-2001;
PRIZER PRODUCTS INC
COMMENT OS Mus musculus (mouse)
PN JP 2001321187-A/28
PD 20-NOV-2001
PE 28-FEB-2001 JP 2001055757
PR 29-FEB-2000 US 60/185617, 22-SEP-2000 US 60/234500 PI
THOMAS AQUINAS BROWN, JEFFREY ROUX DE WET, LORI CHRISTINE GOWEN, PI
LYNN MARIE HAMES
PC C12N15/09, A01K67/027, A61K38/00, A61K45/00, A61P3/04, A61P9/10, PC
A61P9/10,
PC A61P19/00, A61P19/10, A61P43/00, C07K14/47, C07K16/18, C12N1/15, PC
C12N1/19,
PC C12N1/21, C12N5/10, C12N5/10, C12P21/02, C12Q1/02, C12Q1/68 PC
G01N33/15, G01N33/50,
PC
G01N33/566, G01N33/68//C12P21/08, (C12P21/02, C12R1:91), C12N15/00, PC
A61K37/02,
PC C12N5/00, C12N5/00
CC Mammalian osteo regulin
FH Key Location/Qualifiers
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/db_xref="taxon:10090"

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Best Local Similarity 100.0%; Pred. No. 8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5247 GAGCAGCCACAG 5260
DB 14 GAGCAGCCACAG 1

RESULT 1434
BD174075/c 20 bp DNA linear PAT 18-FEB-2003
LOCUS BD174075
DEFINITION Method of detecting nucleotide polymorphism.
ACCESSION BD174075
VERSION BD174075.1 GI:28415410
KEYWORDS WO 02064833-A/25.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE
1 (bases 1 to 20)
AUTHORS Sagawa, H., Kobayashi, E. and Kato, T.
TITLE Method of detecting nucleotide polymorphism
JOURNAL Patent: WO 02064833-A 25 22-AUG-2002;
TAKARA SHUZO CO LTD, HIROAKI SAGAWA, EIJI KOBAYASHI, IKUNOSHIN KATO
COMMENT OS Artificial Sequence
PN WO 02064833-A/25
PD 22-AUG-2002
PE 14-FEB-2002 WO 2002JP001222
PR 15-FEB-2001 JP 01P 039268, 16-FEB-2001 JP 01P 040721 PR
30-MAR-2001 JP 01P 101055, 12-JUN-2001 JP 01P 177381 PR
25-SEP-2001 JP 01P 290384, 02-NOV-2001 JP 01P 338440 PR
03-DEC-2001 JP 01P 368929
PI HIROAKI SAGAWA, EIJI KOBAYASHI, IKUNOSHIN KATO
PC C12Q1/68, C12N15/09, G01N33/50
CC Designed PCR primer to amplify a portion of human CYP2C19 gene
FH Key Location/Qualifiers
FT source 1..20
/organism="Artificial Sequence".
FT Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"

/db_xref="taxon:32630"

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4724 ACCAGCCTGANG 4737
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15 ACCAGCCTGANG 2

RESULT 1435

AB166611/c 20 bp DNA linear SYN 01-JUN-2004
LOCUS Synthetic construct DNA, reverse primer for microsatellite
DEFINITION NRD1KM016.
ACCESSION AB166611
VERSION AB166611.1 GI:47827157
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1 Ihara,N., Takasuga,A., Mizoshita,K., Takeda,H., Sugimoto,M.,
Mizoguchi,Y., Hirano,T., Itoh,T., Watanabe,T., Reed,K.M.,
Shelling,W.M., Kappes,S.M., Beattie,C.W., Bennett,G.L. and
Sugimoto,Y.
A comprehensive genetic map of the cattle genome based on 3802
microsatellites

TITLE Unpublished
2 (bases 1 to 20)

JOURNAL
REFERENCE Sugimoto,Y., Ihara,N. and Mizoshita,K.
TITLE Direct Submission
Submitted (04-MAR-2004) Yoshikazu Sugimoto, Shirakawa Institute of
Animal Genetics: Odakura, Nishigo, Niigata-shi, Japan, 961-8061,
961-8061, Japan (E-mail:kazusugi@siag.or.jp, Tel:81-248-25-5641,
Fax:81-248-25-5725)

FEATURES
source
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Location/Qualifiers
/organism="synthetic construct"
/mol_type="other DNA"
/db_xref="taxon:32630"
/chromosome="20"
1..20
/note="reverse primer for microsatellite NRD1KM016"

misc_feature

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 671 GCATGAGGTGCC 684
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19 GCATGAGGTGCC 6

RESULT 1436

AR040105 18 bp DNA linear PAT 29-SEP-1999
LOCUS Sequence 953 from patent US 5807743.
DEFINITION AR040105
ACCESSION AR040105
VERSION AR040105.1 GI:5959468
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
Unclassified.

REFERENCE 1 (bases 1 to 18)
AUTHORS Stinchcomb,D.T. and McSwiggen,J.A.
TITLE Interleukin-2 receptor gamma-chain ribozymes
JOURNAL Patent: US 5807743-A 953 15-SEP-1998;
FEATURES location/Qualifiers
1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 8.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2640 CCTGACGCTGCTGCTGC 2656
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DB 2 CCTGACGCTGCTGCTGC 18

Search completed: November 2, 2004, 10:17:02
Job time : 94 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: November 2, 2004, 10:21:10 / Search time 120 Seconds
(without alignments)
3.656 Million cell updates/sec

Title: US-10-633-913-3

Perfect score: 5444

Sequence: 1 gccccggcgctcgagaggt.....aggaaatgaagttaccctac 5444

Scoring table: IDENTITY_NUC

Gapop 10.0, Gapext 0.5

Searched: 1930 seqs, 40295 residues

Total number of hits satisfying chosen parameters: 3860

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1952 summaries

Database : rng3.seq.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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1	50	0.9	50	1	ABZ00511 Human leukocyte ge
2	50	0.9	50	1	ABZ03219 Human leukocyte ge
3	50	0.9	50	1	ABZ03479 Human leukocyte ge
4	50	0.9	50	1	ABZ07924 Human leukocyte ge
5	50	0.9	50	1	ADP10317 50-mer oligonucleo
6	39	0.7	39	1	ADP17120 Pyrin domain conta
7	33	0.6	33	1	ACG45146 Human NAC probe SB
8	30	0.6	30	1	AA147122 Pyrin domain conta
9	25.2	0.5	32	1	AAZ45963 Nucleotide sequenc
10	25.2	0.5	32	1	AAZ45800 Nucleotide sequenc
11	25	0.5	25	1	ADP12384 Tagman probe bet 2
12	23.4	0.4	33	1	AAZ91153 PCR primer Seq ID
13	23	0.4	32	1	ACG45144 Human NAC forward
14	23	0.4	32	1	ACG45144 Human beta-actin g
15	22.6	0.4	31	1	ADP081070 Cow prion protein
16	22.4	0.4	32	1	AAW02780 Sequence of scisrl
17	22.4	0.4	32	1	AAW02780 SS probe MRC068.
18	22.4	0.4	32	1	ADG33445 Template oligonuc1
19	22	0.4	32	1	ACG45145 Human NAC reverse
20	22	0.4	30	1	AAAD02768 Human NAC CDNA amp
21	22	0.4	31	1	AAAD02768 Human NAC CDNA amp
22	22	0.4	50	1	ABZ03479 Human leukocyte ge
23	22	0.4	50	1	ABZ03479 Human leukocyte ge
24	21.6	0.4	28	1	ADG76060 Non-CPG DNA oligon
25	21.6	0.4	28	1	ADG75972 Immunostimulatory
26	21	0.4	21	1	AAAD02770 Human NAC CDNA amp
27	21	0.4	21	1	AA147144 Pyrin domain conta
28	21	0.4	21	1	AA147146 Pyrin domain conta
29	21	0.4	29	1	AAQ05003 Sequence binding t
30	21	0.4	29	1	ADP081147 Prion protein poly
31	21	0.4	30	1	AAW07027 Sequence of scisrl
32	21	0.4	30	1	AAW07027 SS probe MRC064.
33	21	0.4	30	1	AAQ36302 GST3ant1, for GSTp

c 34	21	0.4	30	1	AAQ36301 GST3par. for GSTp1
c 35	21	0.4	30	1	AAW57020 WO9923258 oligonuc
c 36	21	0.4	30	1	AAW9889 Immunostimulatory
c 37	21	0.4	30	1	AAW9888 Immunostimulatory
c 38	21	0.4	30	1	AAQ02771 Human NAC CDNA amp
c 39	21	0.4	30	1	ABK10416 Synthetic primer s
c 40	21	0.4	30	1	ABK10412 Synthetic primer s
c 41	21	0.4	30	1	ABK70490 In-situ analysis s
c 42	21	0.4	30	1	ABW53961 Method of measurin
c 43	20.8	0.4	24	1	ABK48760 U7enRNA substrate
c 44	20.8	0.4	24	1	ADQ28150 U7enRNA substrate
c 45	20.6	0.4	27	1	ABK79828 EST polymorphic DN
c 46	20.2	0.4	25	1	AAH38515 SNP specific SNPE
c 47	20.2	0.4	27	1	AAV71935 Anchored poly T RT
c 48	20	0.4	20	1	ACG45160 Human NAC chimeric
c 49	20	0.4	20	1	ACG45174 Human NAC chimeric
c 50	20	0.4	20	1	ACG45201 Human NAC chimeric
c 51	20	0.4	20	1	ACG45204 Human NAC chimeric
c 52	20	0.4	20	1	ACG45183 Human NAC chimeric
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c 69	20	0.4	20	1	ACG45207 Human NAC chimeric
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c 73	20	0.4	20	1	ACG45176 Human NAC chimeric
c 74	20	0.4	20	1	ACG45180 Human NAC chimeric
c 75	20	0.4	20	1	ACG45190 Human NAC chimeric
c 76	20	0.4	20	1	ACG45191 Human NAC chimeric
c 77	20	0.4	20	1	ACG45200 Human NAC chimeric
c 78	20	0.4	20	1	ACG45208 Human NAC chimeric
c 79	20	0.4	20	1	ACG45173 Human NAC chimeric
c 80	20	0.4	20	1	ACG45178 Human NAC chimeric
c 81	20	0.4	20	1	ACG45182 Human NAC chimeric
c 82	20	0.4	20	1	ACG45209 Human NAC chimeric
c 83	20	0.4	20	1	ACG45158 Human NAC chimeric
c 84	20	0.4	20	1	ACG45170 Human NAC chimeric
c 85	20	0.4	20	1	ACG45172 Human NAC chimeric
c 86	20	0.4	20	1	ACG45179 Human NAC chimeric
c 87	20	0.4	20	1	ACG45181 Human NAC chimeric
c 88	20	0.4	20	1	ACG45187 Human NAC chimeric
c 89	20	0.4	20	1	ACG45206 Human NAC chimeric
c 90	20	0.4	20	1	ACG45154 Human NAC chimeric
c 91	20	0.4	20	1	ACG45155 Human NAC chimeric
c 92	20	0.4	20	1	ACG45161 Human NAC chimeric
c 93	20	0.4	20	1	ACG45166 Human NAC chimeric
c 94	20	0.4	20	1	ACG45198 Human NAC chimeric
c 95	20	0.4	20	1	ACG45202 Human NAC chimeric
c 96	20	0.4	20	1	ACG45159 Human NAC chimeric
c 97	20	0.4	20	1	ACG45157 Human NAC chimeric
c 98	20	0.4	20	1	ACG45175 Human NAC chimeric
c 99	20	0.4	20	1	ACG45188 Human NAC chimeric
c 100	20	0.4	20	1	ACG45165 Human NAC chimeric
c 101	20	0.4	20	1	ACG45177 Human NAC chimeric
c 102	20	0.4	20	1	ACG45186 Human NAC chimeric
c 103	20	0.4	20	1	ACG45199 Human NAC chimeric
c 104	20	0.4	20	1	ADP11640 Human NAC chimeric
c 105	20	0.4	20	1	ADP10980 Tagman probe of th
c 106	20	0.4	20	1	ADP12136 Set 1 left PCR pri
					Set 2 right PCR pr

C 107	20	0.4	20	1	ADP11311	Set 1 right PCR pr	C 180	18.2	0.3	24	1	AB578477	Angiogenesis inh
108	20	0.4	20	1	ADP11888	Set 2 left PCR pri	C 181	18.2	0.3	24	1	AB577949	Angiogenesis inh
C 109	19.8	0.4	25	1	ACK28659	Human microarray D	C 182	18.2	0.3	24	1	AB578478	Angiogenesis inh
C 110	19.8	0.4	28	1	AAH91641	Human inflammatory	C 183	18.2	0.3	24	1	AB139405	Immunostimulatory
111	19.6	0.4	28	1	AA578855	Deoxy-A22-tagged B	C 184	18.2	0.3	24	1	ABX14631	Guanosine triphosp
112	19.6	0.4	28	1	AA43065	Regulatable, catal	C 185	18.2	0.3	24	1	ABA98840	A24 oligonucleotid
113	19.6	0.4	28	1	ADA59569	Substrate RNA rela	C 186	18.2	0.3	24	1	AS117869	A24 oligonucleotid
114	19.6	0.4	28	1	ADQ96960	Ribozyme substrate	C 187	18.2	0.3	24	1	ABK15639	RNA-PCR procedure
115	19.2	0.4	24	1	ADFI2405	IL retrotransposon	C 188	18.2	0.3	24	1	ADG16129	Compound activity
C 116	19.2	0.4	25	1	AAV42215	Sequencing primer	C 189	18.2	0.3	24	1	ABK79809	EST polymorphic DN
C 117	19.2	0.4	25	1	AAK84259	PCR primer for hum	C 190	18.2	0.3	24	1	AB280181	Immunostimulatory
C 118	19.2	0.4	26	1	AAI32790	Triple helix-forml	C 191	18.2	0.3	24	1	ACB62284	Oligo (dtr)24 RT-PC
C 119	19.2	0.4	26	1	AAI32778	Triple helix-forml	C 192	18.2	0.3	24	1	ACD97129	Immunostimulatory
C 120	19.2	0.4	26	1	AAAD03682	Human full length	C 193	18.2	0.3	24	1	ACH03285	Immunostimulatory
C 121	19.2	0.4	26	1	AA520596	Human zsi963 cDNA	C 194	18.2	0.3	24	1	ACH03284	Immunostimulatory
C 122	19.2	0.4	26	1	AA519344	Oligonucleotide se	C 195	18.2	0.3	24	1	ADA66379	mRNA poly A. Undi
C 123	19.2	0.4	26	1	AB552638	Human secreted sal	C 196	18.2	0.3	24	1	ADB37258	Immunostimulatory
C 124	19.2	0.4	26	1	ABD45055	ZC7764a primer use	C 197	18.2	0.3	24	1	ADB36806	Immunostimulatory
C 125	19.2	0.4	26	1	AA520671	Human zai1phal1 lig	C 198	18.2	0.3	24	1	ADB37259	Immunostimulatory
C 126	19.2	0.4	26	1	ABX93559	Human zsi963 PCR/s	C 199	18.2	0.3	24	1	ADB31667	Butterfly biliverd
C 127	19.2	0.4	26	1	ADD33380	Mouse mtchochondria	C 200	18.2	0.3	24	1	ADB25524	Rolling circle amp
C 128	19.2	0.4	26	1	ADH44608	Human cDNA encodin	C 201	18.2	0.3	24	1	ACA52664	Immunostimulatory
C 129	19.2	0.4	26	1	ADT00944	Sequencing primer	C 202	18.2	0.3	24	1	ACA58802	Gaeric ulcer trea
C 130	19.2	0.4	26	1	ADP19767	Human zai1phal1 lig	C 203	18.2	0.3	24	1	ADG75922	Immunostimulatory
C 131	19	0.3	21	1	ADU13038	Human DNA probe us	C 204	18.2	0.3	24	1	ADG75917	Non-Cpg DNA oligon
C 132	19	0.3	27	1	AAAT70281	Sequence of scis1	C 205	18.2	0.3	25	1	AAQ95960	Oligonucleotide bi
C 133	19	0.3	27	1	AAAT70274	Sequence of scis1	C 206	18.2	0.3	25	1	AAK84258	PCR primer for hum
C 134	19	0.3	27	1	AAAT92240	SS probe MRCO46.	C 207	18.2	0.3	25	1	AAK84260	PCR primer for hum
C 135	19	0.3	27	1	AAAT92247	SS probe MRCO71.	C 208	18.2	0.3	25	1	AAK9306	Rapid capture prob
C 136	19	0.3	27	1	AAQ40854	DNA sequence used	C 209	18.2	0.3	25	1	AAZ30267	Capture probe Cpi2
C 137	19	0.3	27	1	AAE99706	Immunostimulatory	C 210	18.2	0.3	25	1	ABK49986	Example oligonucle
C 138	19	0.3	27	1	AB578427	Angiogenesis inh	C 211	18.2	0.3	25	1	ABV80873	Human HTP1 scanin
C 139	19	0.3	27	1	ABL39406	Immunostimulatory	C 212	18.2	0.3	25	1	ABV80874	Human HTP1 scanin
C 140	19	0.3	27	1	ABK67015	Human gene specif	C 213	18.2	0.3	25	1	ABA03917	Human connexin 9 p
C 141	19	0.3	27	1	ACH03245	Immunostimulatory	C 214	18.2	0.3	25	1	ACK28658	Human microarray D
C 142	19	0.3	27	1	ADB37208	Immunostimulatory	C 215	18.2	0.3	25	1	ADC54009	Oligonucleotide of
C 143	18.8	0.3	22	1	AAH28299	3' untranslated re	C 216	18.2	0.3	25	1	ADC54008	Oligonucleotide of
C 144	18.8	0.3	22	1	AAH28297	3' untranslated re	C 217	18.2	0.3	25	1	ADP39737	Target DNA sequenc
C 145	18.8	0.3	22	1	ADQ14522	Neuronal-cadherin	C 218	18.2	0.3	25	1	ADP39736	Prion protein poly
C 146	18.8	0.3	22	1	ADQ14524	Neuronal-cadherin	C 219	18.2	0.3	25	1	ADOB1145	PCR primer amplifi
C 147	18.8	0.3	22	1	ADQ14562	Neuronal-cadherin	C 220	18.2	0.3	25	1	ADQ77961	PCR primer amplifi
C 148	18.8	0.3	22	1	ADQ14560	Neuronal-cadherin	C 221	18.2	0.3	25	1	ADQ77961	PCR primer amplifi
C 149	18.8	0.3	26	1	ADQ14560	Oligonucleotide SR	C 222	18.2	0.3	26	1	AAAT70276	Sequence of scis1
C 150	18.8	0.3	26	1	AAV12482	Circular template	C 223	18.2	0.3	26	1	AAAT70275	Sequence of scis1
C 151	18.8	0.3	26	1	AAV59215	Precircle DNA olig	C 224	18.2	0.3	26	1	AAAT92241	SS probe MRCO59.
C 152	18.8	0.3	26	1	ADCS5872	DNA oligonucleotid	C 225	18.2	0.3	26	1	AAAT92242	SS probe MRCO60.
C 153	18.6	0.3	25	1	ABN13299	Human GDMPL-1 25-m	C 226	18.2	0.3	26	1	AAAT93819	Antinutritional phosph
C 154	18.6	0.3	25	1	ABV80872	Human HTP1 scanin	C 227	18.2	0.3	26	1	AAAT93819	Human BS124 specifi
C 155	18.6	0.3	25	1	ABV80872	Human HTP1 scanin	C 228	18.2	0.3	26	1	AAAT93819	Human pancreatic p
C 156	18.4	0.3	20	1	ACC45214	Human NAC chimeric	C 229	18.2	0.3	26	1	AAAT93819	CDNA library produ
C 157	18.4	0.3	22	1	AAQ20032	Cross-linking olig	C 230	18.2	0.3	26	1	AAAT93819	Primer #4. Unden
C 158	18.4	0.3	22	1	AAQ30380	Oligomer TNP211 fo	C 231	18.2	0.3	26	1	AAAT93819	Scaffold oligonuc
C 159	18.4	0.3	22	1	AAQ30380	Oligomer TNP212 fo	C 232	18.2	0.3	26	1	AAAT93819	Human zai1phal1 lig
C 160	18.4	0.3	24	1	ABK48140	Aspergillus niger	C 233	18.2	0.3	26	1	AAAT93819	Primer #2 used fo
C 161	18.4	0.3	25	1	ADW92894	SNP-containing car	C 234	18.2	0.3	26	1	ABK93461	LS147-specific pol
C 162	18.4	0.3	26	1	AA520595	Human zsi963 cDNA	C 235	18.2	0.3	26	1	ABK93461	Oligodeoxynucleic
C 163	18.4	0.3	26	1	AB552637	Human secreted sal	C 236	18.2	0.3	26	1	ACA62282	Oligo (dtr) primer
C 164	18.4	0.3	26	1	AAAD45054	ZC7231 primer used	C 237	18.2	0.3	26	1	ADH44609	Human cDNA encodin
C 165	18.4	0.3	26	1	ABX93598	Human zsi963 PCR/s	C 238	18.2	0.3	26	1	ADH44609	Sequencing primer
C 166	18.4	0.3	26	1	ACF36362	Nucleotide sequenc	C 239	18.2	0.3	26	1	ADH44609	Gene expression in
C 167	18.4	0.3	26	1	AAAD5692	Bovine viral diarr	C 240	18.2	0.3	26	1	ADP19768	Human zai1phal1 lig
C 168	18.4	0.3	26	1	AAAD5692	5' RACE PCR primer	C 241	18.2	0.3	26	1	ADP19768	Human zai1phal1 lig
C 169	18.4	0.3	23	1	AAAC62450	Cleavage of nuclei	C 242	18.2	0.3	18	1	AAI47121	Pyrim domain conta
C 170	18.2	0.3	23	1	AAAC62451	Cleavage of nuclei	C 243	18.2	0.3	18	1	AAI47123	Pyrim domain conta
C 171	18.2	0.3	24	1	AAAT9286	POLYA, a competit	C 244	18.2	0.3	20	1	ADT38836	Human LIM domain k
C 172	18.2	0.3	24	1	AAV31743	Nucleotide sequenc	C 245	18.2	0.3	20	1	ADT38836	Human LIM domain k
C 173	18.2	0.3	24	1	AAAX04086	Oligonucleotide po	C 246	18.2	0.3	21	1	ADU13738	Human DNA probe us
C 174	18.2	0.3	24	1	AAAX04086	Oligonucleotide po	C 247	18.2	0.3	21	1	ADU13738	Spider silk protei
C 175	18.2	0.3	24	1	AAAX0359	PBluescriptSK+ pha	C 248	17.8	0.3	21	1	AAAT8582	Phosphorochioate o
C 176	18.2	0.3	24	1	AAAP9756	Immunostimulatory	C 249	17.8	0.3	21	1	AAAT8582	PCR primer for hum
C 177	18.2	0.3	24	1	AAAP9304	Immunostimulatory	C 250	17.8	0.3	21	1	ADH70613	Human Vbeta gene r
C 178	18.2	0.3	24	1	AAAP9757	Immunostimulatory	C 251	17.8	0.3	22	1	AAQ34355	Upstream PCR prime
C 179	18.2	0.3	24	1	ABV14842	Human prostate exp	C 252	17.8	0.3	22	1	AAAT76462	Chymase antisense

C 253	17.8	0.3	22	1	AA54254	Chymase antisense
C 254	17.8	0.3	22	1	AAA3698	Low adenosine anti
C 255	17.8	0.3	22	1	AA19820	Human chymase poly
C 256	17.8	0.3	22	1	AA19820	Immunostimulatory
C 257	17.8	0.3	22	1	AA19820	Angiogenesis inhib
C 258	17.8	0.3	22	1	ACH03424	Immunostimulatory
C 259	17.8	0.3	22	1	AD13205	Immunostimulatory
C 260	17.8	0.3	22	1	AD13205	Human NOX probe
C 261	17.8	0.3	22	1	AB29514	Human chymase anti
C 262	17.8	0.3	22	1	ABD19659	Human chymase DNA
C 263	17.8	0.3	22	1	ADK61705	Base containing SS
C 264	17.8	0.3	22	1	ADK61713	Base containing SS
C 265	17.8	0.3	23	1	AAQ3511	Sequence of micros
C 266	17.8	0.3	24	1	AAQ00525	Antisense oligonuc
C 267	17.8	0.3	24	1	AAQ00527	Antisense oligonuc
C 268	17.8	0.3	24	1	AAQ00524	Target sequence #2
C 269	17.8	0.3	24	1	AAQ00526	Poly-pyrimidine ta
C 270	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 271	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 272	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 273	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 274	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 275	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 276	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 277	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 278	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 279	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 280	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 281	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 282	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 283	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 284	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 285	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 286	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 287	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 288	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 289	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 290	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 291	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 292	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 293	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 294	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 295	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 296	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 297	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 298	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 299	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 300	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 301	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 302	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 303	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 304	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 305	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 306	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 307	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 308	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 309	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 310	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 311	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 312	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 313	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 314	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 315	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 316	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 317	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 318	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 319	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 320	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 321	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 322	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 323	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 324	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl
C 325	17.8	0.3	24	1	AAQ00526	Nucleic acid tripl

399	17	0.3	21	1	ABX03804	DNA encoding secre	472	16.4	0.3	22	1	ABT21572	Multiple group PC
400	16.8	0.3	20	1	AAV85582	LRP5 PCR primer Cp	473	16.2	0.3	21	1	AAQ67954	CD4 PCR primer B3
C 401	16.8	0.3	20	1	AAV23284	Oligonucleotide fo	C 474	16.2	0.3	21	1	AAQ55904	PCR primer for amp
C 402	16.8	0.3	20	1	AAV75041	Primer #13. Homo	C 475	16.2	0.3	21	1	AAQ75682	Reverse transcript
C 403	16.8	0.3	20	1	ABAD12399	Human caspase 8 mR	C 476	16.2	0.3	21	1	AAQ75645	Reverse transcript
C 404	16.8	0.3	20	1	ABN86953	Human NOV7 forward	C 477	16.2	0.3	21	1	AAQ90391	CP-1 (synthetic DN
C 405	16.8	0.3	20	1	ABZ25473	Nicotiana tabacum	C 478	16.2	0.3	21	1	AAI10743	Oligonucleotide pr
C 406	16.8	0.3	20	1	ACC84083	Chicken ovomucoid	C 479	16.2	0.3	21	1	AAV57641	Primer R2.5', ampl
C 407	16.8	0.3	20	1	ADD25028	Human caspase-8 an	C 480	16.2	0.3	21	1	AAV57641	Exon 4 of an ENAC
C 408	16.8	0.3	20	1	ABX12194	Human cholesterol	C 481	16.2	0.3	21	1	AAZ26733	Human polymorphic
C 409	16.8	0.3	20	1	ABSE8313	Silkworm spider dr	C 482	16.2	0.3	21	1	AAZ81302	3' ribonucleoside
C 410	16.8	0.3	20	1	ADHE4643	Human glucocorticoid	C 483	16.2	0.3	21	1	AAZ25057	Human atrial natr
C 411	16.8	0.3	20	1	ADHE5015	Human glucocorticoid	C 484	16.2	0.3	21	1	AAZ26973	Primer used to rev
C 412	16.8	0.3	20	1	ADK74444	Chimeric phosphoro	C 485	16.2	0.3	21	1	AAZ59350	Human STP2 gene pr
C 413	16.8	0.3	20	1	ADP11348	Taqman probe of th	C 486	16.2	0.3	21	1	AAZ4350	Protein kinase inh
C 414	16.8	0.3	21	1	AAQ91937	T-cell receptor Va	C 487	16.2	0.3	21	1	AAZ75999	Human biallelic ma
C 415	16.8	0.3	21	1	AAQ75729	Reverse transcript	C 488	16.2	0.3	21	1	AAZ69356	Human gene single
C 416	16.8	0.3	21	1	AAI27274	V-alpha probe for	C 489	16.2	0.3	21	1	AAZ97907	Immunostimulatory
C 417	16.8	0.3	21	1	AAV76098	Human histidine de	C 490	16.2	0.3	21	1	AAZ42480	Oligonucleotide us
C 418	16.8	0.3	21	1	AAV27994	Ataxia telangiecta	C 491	16.2	0.3	21	1	AAZ42490	Complementary nucl
C 419	16.8	0.3	21	1	AAV7994	Streptococcus pneu	C 492	16.2	0.3	21	1	AAZ6496	PCR primer MG173
C 420	16.8	0.3	21	1	AAV51906	Histidine decarbox	C 493	16.2	0.3	21	1	AAZ6496	PCR primer MG173
C 421	16.8	0.3	21	1	AAV53903	Low adenosine anti	C 494	16.2	0.3	21	1	ABZ78428	Angiogenesis inhib
C 422	16.8	0.3	21	1	AAV33346	Human histidine de	C 495	16.2	0.3	21	1	ABZ39404	Immunostimulatory
C 423	16.8	0.3	21	1	AAV19468	Human histidine de	C 496	16.2	0.3	21	1	ABZ39404	Human androgen rec
C 424	16.8	0.3	21	1	ABZ43857	Human chromosome 1	C 497	16.2	0.3	21	1	ABZ30438	EST polymorphic DN
C 425	16.8	0.3	21	1	ABZ295162	Human histidine de	C 498	16.2	0.3	21	1	ABZ79794	Regular oligo dt p
C 426	16.8	0.3	21	1	ADJ92226	Human hair keratin	C 499	16.2	0.3	21	1	ACC48167	R. araucariae epox
C 427	16.8	0.3	22	1	ABD19062	Human histidine de	C 500	16.2	0.3	21	1	ACC033246	Immunostimulatory
C 428	16.8	0.3	22	1	AAQ25483	Purine rich HUMTNP	C 501	16.2	0.3	21	1	ADB37209	Human hair keratin
C 429	16.8	0.3	22	1	AAI76387	Human tumour necro	C 502	16.2	0.3	21	1	ADJ92252	Human hair keratin
C 430	16.8	0.3	22	1	AAV54536	Human adenosine A1	C 503	16.2	0.3	21	1	ADJ92252	Rat DNA microarray
C 431	16.8	0.3	22	1	AAV33980	Low adenosine anti	C 504	16.2	0.3	21	1	ADK01309	Rat DNA microarray
C 432	16.8	0.3	22	1	AAV20102	Human tumour necro	C 505	16.2	0.3	21	1	ADK01344	Rat DNA microarray
C 433	16.8	0.3	22	1	AAV20102	Human HEX-A gene P	C 506	16.2	0.3	21	1	ADK01284	Rat DNA microarray
C 434	16.8	0.3	22	1	ABZ295796	Human tumour necro	C 507	16.2	0.3	21	1	ADK01341	Rat DNA microarray
C 435	16.8	0.3	22	1	ABD19556	Human tumour necro	C 508	16.2	0.3	21	1	ADK01329	Rat DNA microarray
C 436	16.8	0.3	23	1	AAV29753	Synthetic oligonuc	C 509	16.2	0.3	21	1	ADK01336	Rat DNA microarray
C 437	16.8	0.3	24	1	AAV3384	Primer -CS (outer)	C 510	16.2	0.3	21	1	ADJ13120	Human DNA probe us
C 438	16.8	0.3	24	1	ABQ82590	Human carbamylaspa	C 511	16.2	0.3	21	1	ADW96310	Human Atp5f1 gene,
C 439	16.8	0.3	24	1	ABQ79142	Primer #2 related	C 512	16.2	0.3	21	1	ADJ88057	RT primer used in
C 440	16.6	0.3	23	1	ACG85493	Human CPT2 gene PC	C 513	16.2	0.3	22	1	ADW07216	Control primer use
C 441	16.6	0.3	23	1	ADG35077	Human TNP receptor	C 514	16.2	0.3	22	1	AAQ57215	Enzymatic RNA mole
C 442	16.6	0.3	18	1	AAV9129	Primer of the inve	C 515	16.2	0.3	22	1	AAQ93472	Hammerhead ribozym
C 443	16.4	0.3	18	1	AAV21969	Nuclease resistant	C 516	16.2	0.3	22	1	AAV63379	Human stromelysin
C 444	16.4	0.3	18	1	AAV91065	CAT gene target RN	C 517	16.2	0.3	22	1	ABK64865	Human breast tumou
C 445	16.4	0.3	18	1	ADH70321	Human Vbeta gene r	C 518	16.2	0.3	22	1	AAV60163	Human prostate-spe
C 446	16.4	0.3	18	1	ADH70321	Human Vbeta gene r	C 519	16.2	0.3	22	1	ADW69448	5' anchored (ISSR)
C 447	16.4	0.3	19	1	AAV30490	Carline beta-3 adre	C 520	16.2	0.3	22	1	ACH00645	Mammalian inverted
C 448	16.4	0.3	19	1	AAV45567	PCR primer related	C 521	16.2	0.3	22	1	ADJ12376	Single multiplex p
C 449	16.4	0.3	19	1	ABAB20228	Human Zmax1 gene	C 522	16.2	0.3	23	1	AAQ30432	Oligomer lth6805 fo
C 450	16.4	0.3	19	1	ABR23025	Human Zmax1 cDNA f	C 523	16.2	0.3	23	1	AAQ57200	Porcine Oct-4 PCR
C 451	16.4	0.3	19	1	ABZ22886	Human HEM STS mark	C 524	16.2	0.3	23	1	AAV81611	PCR primer used to
C 452	16.4	0.3	19	1	ABZ22886	Oligonucleotide kh	C 525	16.2	0.3	23	1	AAI70049	PCR primer lambda
C 453	16.4	0.3	20	1	AAV88306	Sequence tagged bl	C 526	16.2	0.3	23	1	ABV91058	Hammerhead LDL rece
C 454	16.4	0.3	20	1	AAV95521	PCR primer used to	C 527	16.2	0.3	17	1	AAV05471	Hammerhead ribozym
C 455	16.4	0.3	20	1	AAH7767	Human caspase-8 an	C 528	16.2	0.3	17	1	AAV05469	Hammerhead ribozym
C 456	16.4	0.3	20	1	ABN99718	Human caspase-8 an	C 529	16.2	0.3	18	1	ABZ10676	ON-21 oligonucleot
C 457	16.4	0.3	20	1	ABD23306	Human stannocalci	C 530	16.2	0.3	20	1	ADBE5475	Haematopoietic cel
C 458	16.4	0.3	20	1	ADJ53373	Human G protein-co	C 531	16.2	0.3	21	1	AAV64176	Human WNT3 reverse
C 459	16.4	0.3	20	1	ADJ53441	Human GPCR-6 DNA a	C 532	16.2	0.3	21	1	AAH77215	NPV Y1 mutant 129S
C 460	16.4	0.3	21	1	AAQ20035	Cross-linking Olig	C 533	15.8	0.3	19	1	AAQ51663	PCR primer 3 for a
C 461	16.4	0.3	21	1	AAQ30385	Oligomer TNP216 fo	C 534	15.8	0.3	19	1	AAV30413	Compound stimple se
C 462	16.4	0.3	21	1	AAQ30382	Oligomer TNP213 fo	C 535	15.8	0.3	19	1	ADP31661	Human IGF-1R siNA
C 463	16.4	0.3	21	1	AAH62162	Volage gated Na c	C 536	15.8	0.3	19	1	ADP31584	Human IGF-1R trans
C 464	16.4	0.3	21	1	ADJ13701	Human DNA probe us	C 537	15.8	0.3	20	1	AAQ75581	Reverse transcript
C 465	16.4	0.3	21	1	ADJ13846	Human DNA probe us	C 538	15.8	0.3	20	1	AAV41429	Rat obse gene ant
C 466	16.4	0.3	21	1	ADJ13700	Human DNA probe us	C 539	15.8	0.3	20	1	AAV55551	TRAF2 antisense ol
C 467	16.4	0.3	21	1	ADJ13810	Human DNA probe us	C 540	15.8	0.3	20	1	AAV55806	Human histone deac
C 468	16.4	0.3	21	1	ADJ13739	Human DNA probe us	C 541	15.8	0.3	20	1	AAZ32975	Human MKK4 exon A
C 469	16.4	0.3	21	1	ADJ13039	Human DNA probe us	C 542	15.8	0.3	20	1	AAV79540	Murine p3beta ant
C 470	16.4	0.3	21	1	ADJ13774	Human DNA probe us	C 543	15.8	0.3	20	1	AAH43116	Antisense oligo t
C 471	16.4	0.3	21	1	ADJ13107	Human DNA probe us	C 544	15.8	0.3	20	1	AAV81378	Human Y-box bindin

545	15.8	0.3	20	1	AAC89545	Human HDAC-2 antis	618	15.8	0.3	21	1	ACH03118	Immunostimulatory
546	15.8	0.3	20	1	AAC89536	Human HDAC-2 PCR p	619	15.8	0.3	21	1	AD837082	Immunostimulatory
547	15.8	0.3	20	1	AA805714	Antinopine subetl	620	15.8	0.3	21	1	ADG45359	Human ERRA1pha cdn
548	15.8	0.3	20	1	ABK30536	Human glioma-absc	621	15.8	0.3	21	1	ADJ13145	Human DNA probe us
549	15.8	0.3	20	1	ABQ96037	Tumour suppression	622	15.8	0.3	21	1	ADJ13037	Human DNA probe us
550	15.8	0.3	20	1	ABL45546	Human chromosome 2	623	15.8	0.3	21	1	ADJ13036	Human DNA probe us
551	15.8	0.3	20	1	AAD37201	Human MEK4 antis	624	15.8	0.3	21	1	ADJ13072	Human DNA probe us
552	15.8	0.3	20	1	ABX04655	Human endogenous r	625	15.8	0.3	21	1	ADJ13144	Human DNA probe us
553	15.8	0.3	20	1	AB193625	Capture oligonucle	626	15.8	0.3	21	1	ADJ13073	Human DNA probe us
554	15.8	0.3	20	1	AB194997	Capture oligonucle	627	15.8	0.3	21	1	ADJ13173	Human amyloid beta
555	15.8	0.3	20	1	ABX78139	Murine p38-alpha M	628	15.8	0.3	21	1	ADL70482	RNAi for human ins
556	15.8	0.3	20	1	ACC44257	5' primer to amplif	629	15.8	0.3	21	1	ADL60643	Human organic antio
557	15.8	0.3	20	1	ACC70061	PCR primer for pig	630	15.8	0.3	21	1	ADL60642	Human organic antio
558	15.8	0.3	20	1	AA654986	Human HXK-A gene p	631	15.8	0.3	22	1	AA792356	Amino modified oli
559	15.8	0.3	20	1	AA615184	Human inhibitor-ka	632	15.8	0.3	22	1	AAV35632	SHOX gene exon Va
560	15.8	0.3	20	1	ADG25637	Tobacco SHMT PCR p	633	15.8	0.3	22	1	AAZ07304	Human telomerase R
561	15.8	0.3	20	1	ABZ88038	Human oligonucleot	634	15.8	0.3	22	1	AA64532	PCR primer G2 used
562	15.8	0.3	20	1	ABZ85534	Human oligonucleot	635	15.8	0.3	22	1	AA683320	Human SNAI cdna bp
563	15.8	0.3	20	1	ABZ90836	Human oligonucleot	636	15.8	0.3	22	1	ABL45282	Human chromosome 1
564	15.8	0.3	20	1	ABZ85670	Human oligonucleot	637	15.8	0.3	22	1	ABK52714	Human bladder canc
565	15.8	0.3	20	1	ABZ87765	Human oligonucleot	638	15.8	0.3	22	1	ABV99963	Human G protein co
566	15.8	0.3	20	1	ABZ98968	Human PDB4 oligon	639	15.8	0.3	22	1	AD814425	Optineurin promote
567	15.8	0.3	20	1	ACC47647	Human IGFBP5 phosp	640	15.8	0.3	22	1	AD135141	P. oesuse PLA2Ib
568	15.8	0.3	20	1	ADM34276	Mouse p38 MAPK ant	641	15.8	0.3	22	1	ADJ10045	PCR primer 4 to am
569	15.8	0.3	20	1	ABD24268	Human calmodulin 2	642	15.8	0.3	22	1	AD084991	Double stranded ol
570	15.8	0.3	20	1	ABD27066	H93087-derived ol	643	15.8	0.3	22	1	AD084990	Human leukocyte ge
571	15.8	0.3	20	1	ABD21900	Human stannocalci	644	15.8	0.3	50	1	ADP10317	5'-anchored simple
572	15.8	0.3	20	1	ABD21764	Human stannocalci	645	15.8	0.3	20	1	AA177910	Sequence of trans
573	15.8	0.3	20	1	ABD31999	Human PDB4-derive	646	15.6	0.3	22	1	AAQ37956	Type II procollage
574	15.8	0.3	20	1	ABD33995	Human calmodulin 2	647	15.6	0.3	22	1	AAQ65892	Human type I ligand
575	15.8	0.3	20	1	ADP66213	Ians gene related	648	15.6	0.3	22	1	AAV02438	Human type I ligand
576	15.8	0.3	20	1	ADG75970	Immunostimulatory	649	15.6	0.3	22	1	AAV57086	Human mutant KNO2
577	15.8	0.3	20	1	ADH26716	Human PI3K regulat	650	15.6	0.3	22	1	AAV81254	Human ligand polyp
578	15.8	0.3	20	1	ADH26784	Human PI3K regulat	651	15.6	0.3	22	1	AAV81254	PCR primer R1 used
579	15.8	0.3	20	1	ADH65486	Human glucocortic	652	15.6	0.3	22	1	AAV15531	Human X1S gene tr
580	15.8	0.3	20	1	ADH65757	Human glucocortic	653	15.6	0.3	22	1	AAV36878	Reverse PCR primer
581	15.8	0.3	20	1	ADH66756	Human glucocortic	654	15.6	0.3	22	1	AAZ36053	Single nucleotide
582	15.8	0.3	20	1	ADH67178	Human glucocortic	655	15.6	0.3	22	1	AAV70378	Human PAC IR PCR p
583	15.8	0.3	20	1	ADJ46820	Human KRAA1531 tar	656	15.6	0.3	22	1	AAV60520	Beta-amyloid precu
584	15.8	0.3	20	1	ADJ46745	Human KRAA1531 ant	657	15.6	0.3	22	1	AAH45105	Immunostimulatory
585	15.8	0.3	20	1	ADJ60851	Oligonucleotide as	658	15.6	0.3	22	1	AAE89836	Angiogenesis inhib
586	15.8	0.3	20	1	ADJ18373	Antisense DNA olig	659	15.6	0.3	22	1	AAE87757	T. tauschii/wheat
587	15.8	0.3	20	1	ADJ18838	Antisense DNA olig	660	15.6	0.3	22	1	AAQ93268	Primer and probe f
588	15.8	0.3	20	1	ADK74191	Chimeric phosphor	661	15.6	0.3	22	1	ABV77172	Immunostimulatory
589	15.8	0.3	20	1	ADK80791	Chimeric phosphor	662	15.6	0.3	22	1	ADA00879	Immunostimulatory
590	15.8	0.3	20	1	ADK75025	Chimeric phosphor	663	15.6	0.3	22	1	ACD99369	Immunostimulatory
591	15.8	0.3	20	1	ADK80516	ISIS antisense oli	664	15.6	0.3	22	1	ADB36438	Human papillomavir
592	15.8	0.3	20	1	ADL34605	Phosphoinositide-3	665	15.6	0.3	22	1	ADFC4386	HPV M8 detecting
593	15.8	0.3	20	1	ADL34673	Human oligonucleo	666	15.6	0.3	22	1	ADG76036	Non-CpG DNA oligon
594	15.8	0.3	20	1	AD046340	Cyclin-dependent k	667	15.6	0.3	22	1	ADG76002	Human Vbeta gene r
595	15.8	0.3	20	1	AD031986	Cyclin-dependent k	668	15.6	0.3	22	1	ADH70416	Human Vbeta gene r
596	15.8	0.3	20	1	AD031911	Human ndogen anti	669	15.6	0.3	22	1	ADU78305	Mouse perillipin re
597	15.8	0.3	20	1	ADN94856	Human ndogen anti	670	15.6	0.3	23	1	AAU57112	Human epithelial c
598	15.8	0.3	20	1	ADN94920	Transcription fact	671	15.4	0.3	17	1	AAQ20163	Cross-linking olig
599	15.8	0.3	20	1	ADP20520	Reverse transcript	672	15.4	0.3	17	1	AAQ30313	Oligomer CMW802 fo
600	15.8	0.3	20	1	AD085645	Reverse transcript	673	15.4	0.3	17	1	AAAT12445	Antiviral phosphor
601	15.8	0.3	21	1	AAQ75730	Reverse transcript	674	15.4	0.3	17	1	AAV92388	Human A-Raf subscr
602	15.8	0.3	21	1	AAQ75728	Reverse transcript	675	15.4	0.3	17	1	AAV92388	Oestrogen receptor
603	15.8	0.3	21	1	AAQ75727	Reverse transcript	676	15.4	0.3	17	1	AAV54544	Human GRID G-cleav
604	15.8	0.3	21	1	ADG77640	Canine disease mar	677	15.4	0.3	17	1	ABL46875	Tumour suppression
605	15.8	0.3	21	1	AAK32871	TPO B13 sequence	678	15.4	0.3	17	1	ABT38160	Locked nucleic aci
606	15.8	0.3	21	1	AAK32871	Human mutant KNO2	679	15.4	0.3	17	1	ABZ22872	Tumour suppression
607	15.8	0.3	21	1	AAK57097	Tumour necrosis fa	680	15.4	0.3	17	1	ADB45378	Human tumour suppr
608	15.8	0.3	21	1	AAK09047	Human gene single	681	15.4	0.3	17	1	AD151815	Human GRID mRNA bu
609	15.8	0.3	21	1	AAFP9646	Immunostimulatory	682	15.4	0.3	17	1	ADMS4233	Human Vbeta gene r
610	15.8	0.3	21	1	AAFP9580	Human COL9A3 PCR p	683	15.4	0.3	17	1	ADH70294	Human Vbeta gene r
611	15.8	0.3	21	1	AAFP6158	Human COL9A3 PCR p	684	15.4	0.3	17	1	ADH70382	Human Vbeta gene r
612	15.8	0.3	21	1	AA523374	Angiogenesis inhib	685	15.4	0.3	18	1	AA732141	DNA sequencing "pr
613	15.8	0.3	21	1	AB878296	Immunostimulatory	686	15.4	0.3	18	1	AA732141	Primer V-alpha(16)
614	15.8	0.3	21	1	ABL38849	Human I-kappa beta	687	15.4	0.3	18	1	AAV85987	PCR primer used to
615	15.8	0.3	21	1	ABL44216	Double stranded DN	688	15.4	0.3	18	1	AAV88163	T cell receptor al
616	15.8	0.3	21	1	ABK10202	Human oncostatin M	689	15.4	0.3	18	1	AAV88163	
617	15.8	0.3	21	1	ACG42594		690	15.4	0.3	18	1	AAV08931	

c 691	15.4	0.3	18	1	AAAS8390	Polynucleotide # 6	c 764	15.4	0.3	20	1	ADJ45339	Hepatoma-derived g
c 692	15.4	0.3	18	1	AAAS8389	Polynucleotide # 5	c 765	15.4	0.3	20	1	ADJ59589	Human ESM-1 antise
c 693	15.4	0.3	18	1	AAZ77145	Human biallelic ma	c 766	15.4	0.3	20	1	ADJ59612	Human ESM-1 antise
c 694	15.4	0.3	18	1	AAZ72859	Human biallelic ma	c 767	15.4	0.3	20	1	ADJ58962	Human ESM-1 antise
c 695	15.4	0.3	18	1	AAZ21649	Human Survivin ant	c 768	15.4	0.3	20	1	ADJ59695	Human ESM-1 antise
c 696	15.4	0.3	18	1	AAZ21598	Human Survivin ant	c 769	15.4	0.3	20	1	ADJ42533	Human NOVX PCR pri
c 697	15.4	0.3	18	1	AAZ21558	Human Survivin ant	c 770	15.4	0.3	21	1	AAJ067183	Primer for amplify
c 698	15.4	0.3	18	1	ABE61267	HIV Pol sequencing	c 771	15.4	0.3	21	1	AAJ00869	HIV strain HXB2 ga
c 699	15.4	0.3	18	1	ABZ97214	Human CPY450281 pr	c 772	15.4	0.3	21	1	AAJ13768	Primer for amplify
c 700	15.4	0.3	18	1	ABR82302	p53 mutation detec	c 773	15.4	0.3	21	1	AAJ18406	Polymorphic fragme
c 701	15.4	0.3	18	1	ABR82323	p53 mutation detec	c 774	15.4	0.3	21	1	AAZ97503	HIV-1 protease gen
c 702	15.4	0.3	18	1	ABR82303	p53 mutation detec	c 775	15.4	0.3	21	1	AAZ97507	HIV-1 protease gen
c 703	15.4	0.3	18	1	AAJ47145	Pyrim domain cont	c 776	15.4	0.3	21	1	AAZ77203	Human biallelic ma
c 704	15.4	0.3	18	1	ADZ898917	LRPS mutagenic PCR	c 777	15.4	0.3	21	1	AAZ95599	Human endoglin PCR
c 705	15.4	0.3	18	1	ADJ34074	HIV pol region DNA	c 778	15.4	0.3	21	1	AAH21622	Bovine RTS homolog
c 706	15.4	0.3	18	1	ADH02714	Sequencing primer	c 779	15.4	0.3	21	1	AAE31461	Oligonucleotide us
c 707	15.4	0.3	18	1	ADJ20873	MS Snp detection	c 780	15.4	0.3	21	1	AAE96199	Human gene single
c 708	15.4	0.3	18	1	ADZ88986	Breast cancer asso	c 781	15.4	0.3	21	1	AAJ11636	Human CYP2B6 allel
c 709	15.4	0.3	19	1	AAJ09138	HTLV-1/tax constru	c 782	15.4	0.3	21	1	AAZ27878	Human NOV7 PCR for
c 710	15.4	0.3	19	1	AAJ09138	HTLV-1/tax constru	c 783	15.4	0.3	21	1	ACD40283	Breast tumour asso
c 711	15.4	0.3	19	1	AAJ46087	Primer for STS ass	c 784	15.4	0.3	21	1	ADH97217	Synthetically modl
c 712	15.4	0.3	19	1	AAV01290	Transhyretin PCR	c 785	15.4	0.3	21	1	ADJ13812	Human DNA probe us
c 713	15.4	0.3	19	1	AAJ63656	Oligo disclosed in	c 786	15.4	0.3	21	1	ADJ13106	Human DNA probe us
c 714	15.4	0.3	19	1	AAV05874	Primer #5 for STS	c 787	15.4	0.3	21	1	ADJ13699	Human cell adhesio
c 715	15.4	0.3	19	1	AAJ52863	Human genome diall	c 788	15.4	0.3	21	1	ADJ56417	Human cell adhesio
c 716	15.4	0.3	19	1	AAJ61302	PCNA HH ribozyme b	c 789	15.4	0.3	21	1	ADJ66780	Novel human protei
c 717	15.4	0.3	19	1	AAH61464	PCNA HH ribozyme b	c 790	15.4	0.3	21	1	ADJ691944	Human cytokeatin
c 718	15.4	0.3	19	1	ADJ35660	HIV siRNA oligonuc	c 791	15.4	0.3	21	1	ADG47997	Duplex DNA strand
c 719	15.4	0.3	19	1	ADJ36398	HIV siRNA oligonuc	c 792	15.4	0.3	21	1	ADH42938	Guadinium functi
c 720	15.4	0.3	19	1	ADJ66971	RET oligonucleotid	c 793	15.4	0.3	21	1	ADJ68862	Rosa sp reverse PC
c 721	15.4	0.3	19	1	ADJ69619	Human PCNA siRNA	c 794	15.4	0.3	21	1	ADJ19817	Human NOV7 DNA amp
c 722	15.4	0.3	19	1	ADJ69550	Human PCNA transcr	c 795	15.4	0.3	21	1	ADJ31660	Human haem oxygena
c 723	15.4	0.3	19	1	ADN34160	Upper strand of cy	c 796	15.4	0.3	21	1	ADJ70483	RNAI for human ins
c 724	15.4	0.3	19	1	ADN34399	Lower strand of cy	c 797	15.4	0.3	21	1	ADJ060290	Human NOV7 DNA spe
c 725	15.4	0.3	20	1	AAQ95360	Primer B (Group 1	c 798	15.4	0.3	22	1	AAQ89896	Cytic fibrosis ch
c 726	15.4	0.3	20	1	AAJ72911	5'-anchored simple	c 799	15.4	0.3	22	1	AAJ78996	Human Huntington's
c 727	15.4	0.3	20	1	AAJ72909	5'-anchored simple	c 800	15.4	0.3	22	1	AAJ96617	Primer used in mis
c 728	15.4	0.3	20	1	AAJ65799	Primer #2 to ampli	c 801	15.4	0.3	22	1	AAJ50570	Molecular array pr
c 729	15.4	0.3	20	1	AAJ97382	Construction of a	c 802	15.4	0.3	22	1	AAJ48484	Locked nucleic aci
c 730	15.4	0.3	20	1	AAJ92764	Primer #1 for immu	c 803	15.4	0.3	22	1	ACC48485	Locked nucleic aci
c 731	15.4	0.3	20	1	AAV49811	ADNF-III PCR prime	c 804	15.4	0.3	22	1	ACC48483	Locked nucleic aci
c 732	15.4	0.3	20	1	AAV52761	Immunoglobulin kap	c 805	15.4	0.3	22	1	ABZ80983	Mouse vitelliform
c 733	15.4	0.3	20	1	AAJ97722	PCR primer L5582 f	c 806	15.4	0.3	22	1	AAJ51324	Anchored oligo dt
c 734	15.4	0.3	20	1	AAJ93323	PCR primer used to	c 807	15.4	0.3	22	1	ADJ64451	Human RP-11-356A10
c 735	15.4	0.3	20	1	AAJ55807	Human histone deac	c 808	15.4	0.3	22	1	ADJ64451	Human NOVX protei
c 736	15.4	0.3	20	1	AAJ007574	Sense PCR primer #	c 809	15.4	0.3	22	1	ADJ68323	Single nucleotide
c 737	15.4	0.3	20	1	AAJ09924	Primer 1 for human	c 810	15.4	0.3	22	1	ABX74887	Oligo-dT primer us
c 738	15.4	0.3	20	1	AAJ80308	Human ASTHJ 5' re	c 811	15.4	0.3	22	1	ADJ34007	RNA extraction anc
c 739	15.4	0.3	20	1	AAJ43117	Antisense oligo, c	c 812	15.4	0.3	22	1	ADJ69815	PCR primer to ampl
c 740	15.4	0.3	20	1	AAJ54889	PCR primer for act	c 813	15.4	0.3	22	1	ADJ45826	Human fibrosis/sca
c 741	15.4	0.3	20	1	AAJ89537	Human HDAC-2 PCR p	c 814	15.4	0.3	22	1	ADJ97794	Oligonucleotide pr
c 742	15.4	0.3	20	1	AAJ89546	Human HDAC-2 antis	c 815	15.2	0.3	20	1	AAJ11215	Oligonucleotide us
c 743	15.4	0.3	20	1	AAJ83959	BAP28 gene fragmen	c 816	15.2	0.3	20	1	AAJ10290	Probe to beta-lact
c 744	15.4	0.3	20	1	AAJ12482	Mouse caspase 8 NR	c 817	15.2	0.3	20	1	AAJ25565	Dye-coupled 3'-am
c 745	15.4	0.3	20	1	AAJ03238	Mouse caspase 8 NR	c 818	15.2	0.3	20	1	AAJ33554	Microsatellite seq
c 746	15.4	0.3	20	1	AAJ03238	Human BSMR gene po	c 819	15.2	0.3	20	1	AAJ58578	Sequence of bynthc
c 747	15.4	0.3	20	1	AAJ64386	Retroviral packagi	c 820	15.2	0.3	20	1	AAJ94205	Alpha-anomeric oli
c 748	15.4	0.3	20	1	AAJ64386	Human NAC chimeric	c 821	15.2	0.3	20	1	AAJ95585	Reverse transcript
c 749	15.4	0.3	20	1	ABT3248	Neuroblastoma-rela	c 822	15.2	0.3	20	1	AAJ75568	Reverse transcript
c 750	15.4	0.3	20	1	ABT3249	Neuroblastoma-rela	c 823	15.2	0.3	20	1	AAJ90405	T2 (synthetic DNA
c 751	15.4	0.3	20	1	AAJ61851	Human RTBR-LP-2 an	c 824	15.2	0.3	20	1	AAJ33632	Tumour marker p65
c 752	15.4	0.3	20	1	ADJ25111	Mouse caspase-8 an	c 825	15.2	0.3	20	1	AAJ07752	Phosphorothioate o
c 753	15.4	0.3	20	1	ADJ25111	Mouse caspase-8 an	c 826	15.2	0.3	20	1	AAJ63649	Anti-RTLV antisens
c 754	15.4	0.3	20	1	ADJ25111	Variant detecting	c 827	15.2	0.3	20	1	AAJ34591	M. vaccae antigeni
c 755	15.4	0.3	20	1	ABZ85671	Human oligonucleot	c 828	15.2	0.3	20	1	AAJ68373	Adenoviral primer oli
c 756	15.4	0.3	20	1	ABZ85852	Human oligonucleot	c 829	15.2	0.3	20	1	AAJ86606	Oligonucleotide se
c 757	15.4	0.3	20	1	ABZ86072	Human oligonucleot	c 830	15.2	0.3	20	1	AAJ57365	P. obeus beacon P
c 758	15.4	0.3	20	1	ABD21901	Human stannocalci	c 831	15.2	0.3	20	1	AAJ27533	Synthetic RNA sequ
c 759	15.4	0.3	20	1	ABD24812	AI092623-derived c	c 832	15.2	0.3	20	1	AAJ204702	PCR primer used to
c 760	15.4	0.3	20	1	ABD22302	Human stannocalci	c 833	15.2	0.3	20	1	AAJ27889	Probe for human CS
c 761	15.4	0.3	20	1	ADH08330	Mutant gene fragme	c 834	15.2	0.3	20	1	AAJ11326	B. cereus 16S rRNA
c 762	15.4	0.3	20	1	ADH12202	Human CHD5 PCR/seq	c 835	15.2	0.3	20	1	AAJ64851	Myobacterial 16S
c 763	15.4	0.3	20	1	ADJ45268	Hepatoma-derived g	c 836	15.2	0.3	20	1	AAJ21950	Human B-raf kinase

C 837	15.2	0.3	20	1	AAK96207	PCR primer used to	C 910	15.2	0.3	20	1	ACA722109	Human PRO polypept
C 838	15.2	0.3	20	1	AAK94976	PCR primer used to	C 911	15.2	0.3	20	1	ABZ59177	Human TGR118 DNA e
C 839	15.2	0.3	20	1	AAA40449	Electrochemical det	C 912	15.2	0.3	20	1	ABX92749	Human PRO DNA PCR
C 840	15.2	0.3	20	1	AAA40448	Electrochemical det	C 913	15.2	0.3	20	1	ABX79181	Thio-modified 200a
C 841	15.2	0.3	20	1	ABL41405	Universal primer 2	C 914	15.2	0.3	20	1	ACC47072	Mouse phospholipas
C 842	15.2	0.3	20	1	AAA12081	Human ICAM-1 antis	C 915	15.2	0.3	20	1	ACA66490	Human secreted/tra
C 843	15.2	0.3	20	1	AAZ37992	Human GLC1A gene e	C 916	15.2	0.3	20	1	ABX92177	Human secreted/tra
C 844	15.2	0.3	20	1	AAZ37992	Human GLC1A gene e	C 917	15.2	0.3	20	1	ABX92177	Human secreted/tra
C 845	15.2	0.3	20	1	AAZ29117	Oligonucleotide #5	C 918	15.2	0.3	20	1	AAZ52927	Human TTYH2 gene 1
C 846	15.2	0.3	20	1	AAZ88913	Human wolframin ex	C 919	15.2	0.3	20	1	AAZ52927	DNA mutation detec
C 847	15.2	0.3	20	1	AAZ50193	2'-Methoxyethoxy-m	C 920	15.2	0.3	20	1	ACD27255	Nanotechnolgy nuc
C 848	15.2	0.3	20	1	AAK99515	URP Oligonucleotid	C 921	15.2	0.3	20	1	ACD27385	Nanotechnolgy nuc
C 849	15.2	0.3	20	1	AAK95024	Human PRO772 rever	C 922	15.2	0.3	20	1	ACD27385	Nanotechnolgy nuc
C 850	15.2	0.3	20	1	AAK88871	Protein tyrosine p	C 923	15.2	0.3	20	1	ACD27060	Nanotechnolgy nuc
C 851	15.2	0.3	20	1	AAZ57408	PCR primer for DNA	C 924	15.2	0.3	20	1	ACH00064	Nanotechnolgy nuc
C 852	15.2	0.3	20	1	AAZ48829	Human glycogen syn	C 925	15.2	0.3	20	1	ACH03110	Immunostimulatory
C 853	15.2	0.3	20	1	AAK95023	Human cDNA clone-s	C 926	15.2	0.3	20	1	ACD99881	Immunostimulatory
C 854	15.2	0.3	20	1	AAK95024	Human cDNA clone-s	C 927	15.2	0.3	20	1	ACD99881	Immunostimulatory
C 855	15.2	0.3	20	1	AAK87238	Phosphorothioate p	C 928	15.2	0.3	20	1	ACD99532	Immunostimulatory
C 856	15.2	0.3	20	1	AAK87230	Digoxigenin-labell	C 929	15.2	0.3	20	1	ADA25116	Secreted and trans
C 857	15.2	0.3	20	1	AAK87241	Poly T oligonucleo	C 930	15.2	0.3	20	1	ACD30091	Novel human secret
C 858	15.2	0.3	20	1	AAK10402	DNA template for 3	C 931	15.2	0.3	20	1	ADA12277	Human secreted/tra
C 859	15.2	0.3	20	1	AAK16997	Capture probe CPS'	C 932	15.2	0.3	20	1	ADA14838	Halpin target seq
C 860	15.2	0.3	20	1	AAK60896	Conjugate forming	C 933	15.2	0.3	20	1	ACF04232	Murine embryonic c
C 861	15.2	0.3	20	1	AAK56999	Human oestrogen re	C 934	15.2	0.3	20	1	ACD29506	Novel human secret
C 862	15.2	0.3	20	1	AAK56348	Random oligonucleo	C 935	15.2	0.3	20	1	ACD26995	Nanoparticle label
C 863	15.2	0.3	20	1	AAK28481	Oligonucleotide-na	C 936	15.2	0.3	20	1	ACD26995	Nanotechnolgy nuc
C 864	15.2	0.3	20	1	AAK10371	Oligonucleotide-cy	C 937	15.2	0.3	20	1	ADB37074	Immunostimulatory
C 865	15.2	0.3	20	1	AAK99427	Immunostimulatory	C 938	15.2	0.3	20	1	ADB36933	Immunostimulatory
C 866	15.2	0.3	20	1	AAK99099	Immunostimulatory	C 939	15.2	0.3	20	1	ADB36601	Immunostimulatory
C 867	15.2	0.3	20	1	AAK99431	Immunostimulatory	C 940	15.2	0.3	20	1	ADB36929	Immunostimulatory
C 868	15.2	0.3	20	1	AAK99572	Immunostimulatory	C 941	15.2	0.3	20	1	ADB81470	Human oestrogen re
C 869	15.2	0.3	20	1	AAK79898	SNP specific upper	C 942	15.2	0.3	20	1	ADB74083	Human PRO DNA PCR
C 870	15.2	0.3	20	1	AAK20526	Human WTR1 PCR pri	C 943	15.2	0.3	20	1	ADB75799	Human PRO associat
C 871	15.2	0.3	20	1	AAK46465	Oligonucleotide #1	C 944	15.2	0.3	20	1	ADC44225	Human PRO 772 Taqm
C 872	15.2	0.3	20	1	AAH78547	Nucleotide sequenc	C 945	15.2	0.3	20	1	ADC61985	Human PRO 772 Taqm
C 873	15.2	0.3	20	1	AAH28351	DNA oligomer #1.	C 946	15.2	0.3	20	1	ADC63949	Human PRO 772 Taqm
C 874	15.2	0.3	20	1	AAH26069	Human NK-2 gene an	C 947	15.2	0.3	20	1	ADC67049	Human PRO 772 Taqm
C 875	15.2	0.3	20	1	AAK23343	Oligonucleotide fo	C 948	15.2	0.3	20	1	ADC69173	Human PRO 772 Taqm
C 876	15.2	0.3	20	1	ABK47733	Beta-actin PCR pri	C 949	15.2	0.3	20	1	ADC63233	Human PRO 772 Taqm
C 877	15.2	0.3	20	1	ABK97573	Human LCAT gene re	C 950	15.2	0.3	20	1	ADC68298	Human PRO 772 Taqm
C 878	15.2	0.3	20	1	ABN84468	Carboxypeptidase A	C 951	15.2	0.3	20	1	ADC41618	Human PRO 772 Taqm
C 879	15.2	0.3	20	1	AAK46625	Human ABCG1 intro	C 952	15.2	0.3	20	1	ADC67673	Human PRO 772 Taqm
C 880	15.2	0.3	20	1	ABK77742	Angiogenesis inh	C 953	15.2	0.3	20	1	ADC62609	Human PRO 772 Taqm
C 881	15.2	0.3	20	1	ABK78072	Angiogenesis inh	C 954	15.2	0.3	20	1	ADC42242	Human PRO 772 Taqm
C 882	15.2	0.3	20	1	ABK78076	Angiogenesis inh	C 955	15.2	0.3	20	1	ADK49641	Human PRO 772 Taqm
C 883	15.2	0.3	20	1	ABK78288	Angiogenesis inh	C 956	15.2	0.3	20	1	ADK35665	Human PRO 772 Taqm
C 884	15.2	0.3	20	1	ABL39402	Immunostimulatory	C 957	15.2	0.3	20	1	ADK16779	Human PRO 772 Taqm
C 885	15.2	0.3	20	1	ABL38648	Immunostimulatory	C 958	15.2	0.3	20	1	ADK73394	Human PRO 772 Taqm
C 886	15.2	0.3	20	1	ABL39403	Immunostimulatory	C 959	15.2	0.3	20	1	ADK72752	Human PRO 772 Taqm
C 887	15.2	0.3	20	1	ABL39179	Immunostimulatory	C 960	15.2	0.3	20	1	ADK17403	Human PRO 772 Taqm
C 888	15.2	0.3	20	1	ABL4775	CD14 receptor PCR	C 961	15.2	0.3	20	1	ADK65508	Human FRP5 forward
C 889	15.2	0.3	20	1	ABK65035	Nanoparticle-oligo	C 962	15.2	0.3	20	1	ADK69508	Tapebia yalundaei
C 890	15.2	0.3	20	1	ABK65050	Nanoparticle-oligo	C 963	15.2	0.3	20	1	ADK09421	Linking oligonucle
C 891	15.2	0.3	20	1	ABK52459	Human LINE-1 DNA a	C 964	15.2	0.3	20	1	ADK65655	Nanotechnolgy nuc
C 892	15.2	0.3	20	1	AAK45122	Oligonucleotide sy	C 965	15.2	0.3	20	1	ADK64709	Coassembled diluent
C 893	15.2	0.3	20	1	ABK80721	Salmonella toxin g	C 966	15.2	0.3	20	1	ADK47417	Human PRO 772 Taqm
C 894	15.2	0.3	20	1	ABL6232	M tuberculosis FRN	C 967	15.2	0.3	20	1	ADK09808	Human b-raf kinase
C 895	15.2	0.3	20	1	ABK230599	Candida albicans G	C 968	15.2	0.3	20	1	ADK65590	Nanotechnolgy nuc
C 896	15.2	0.3	20	1	AAK434368	Human BSMR gene po	C 969	15.2	0.3	20	1	ADK92514	Bread wheat amylos
C 897	15.2	0.3	20	1	ABK64673	Nucleic acid detec	C 970	15.2	0.3	20	1	ADK88151	Single nucleotide
C 898	15.2	0.3	20	1	ABK64668	Nucleic acid detec	C 971	15.2	0.3	20	1	ADK88208	Single nucleotide
C 899	15.2	0.3	20	1	ABK6365	RANTRIS DNA amplif	C 972	15.2	0.3	20	1	ADK53174	Human PRO 772 Taqm
C 900	15.2	0.3	20	1	AAK44814	Human B-raf kinase	C 973	15.2	0.3	20	1	ADK60494	Human PRO 772 Taqm
C 901	15.2	0.3	20	1	ABK16122	Capture oligonucle	C 974	15.2	0.3	20	1	ADK59608	Non-nucleotide pro
C 902	15.2	0.3	20	1	ABK6937	Human NOV4 reverse	C 975	15.2	0.3	20	1	ADK59620	Non-nucleotide pro
C 903	15.2	0.3	20	1	ABK87103	Capture probe CPS'	C 976	15.2	0.3	20	1	ADK161254	Human PRO 772 Taqm
C 904	15.2	0.3	20	1	AAK41716	Human IL-12 p35 su	C 977	15.2	0.3	20	1	ABK86068	Human oligonucleot
C 905	15.2	0.3	20	1	ACA63945	Novel human secret	C 978	15.2	0.3	20	1	ABK88267	Human oligonucleot
C 906	15.2	0.3	20	1	ADA44747	Antisense oligonuc	C 979	15.2	0.3	20	1	ABK88565	Human oligonucleot
C 907	15.2	0.3	20	1	AAK16145	Thiol-modified oli	C 980	15.2	0.3	20	1	ABK88619	Human oligonucleot
C 908	15.2	0.3	20	1	AAK16172	Human ATF3 antisen	C 981	15.2	0.3	20	1	ABK290374	Human oligonucleot
C 909	15.2	0.3	20	1	ABK59815	Potato gene PCR pr	C 982	15.2	0.3	20	1	ABK289705	Human oligonucleot

983	15.2	0.3	20	1	ABZ88816	Human oligonucleot	1056	15.2	0.3	20	1	ABD25671	At024215-derived o
984	15.2	0.3	20	1	ABZ88881	Human oligonucleot	1057	15.2	0.3	20	1	ABD25776	At085559 DNA fragm
985	15.2	0.3	20	1	ABZ89546	Human oligonucleot	c1058	15.2	0.3	20	1	ABD25361	At1122807-derived o
986	15.2	0.3	20	1	ABZ89706	Human oligonucleot	1059	15.2	0.3	20	1	ABD21765	Human stannocalci
987	15.2	0.3	20	1	ABZ89104	Human pBEAc oligon	1060	15.2	0.3	20	1	ABD26604	AA909635-derived o
988	15.2	0.3	20	1	ABZ88620	Human oligonucleot	1061	15.2	0.3	20	1	ABD26880	AA278674-derived o
989	15.2	0.3	20	1	ABZ88880	Human oligonucleot	1062	15.2	0.3	20	1	ABD24850	At092823-derived o
990	15.2	0.3	20	1	ABZ89179	Human oligonucleot	1063	15.2	0.3	20	1	ABD24531	At052764-derived o
991	15.2	0.3	20	1	ABZ92865	Human oligonucleot	1064	15.2	0.3	20	1	ABD25352	At1125651-derived o
992	15.2	0.3	20	1	ABZ88814	Human oligonucleot	1065	15.2	0.3	20	1	ABD29095	AA679352-derived o
c 993	15.2	0.3	20	1	ABZ88456	Human oligonucleot	1066	15.2	0.3	20	1	ABD25046	At1128305-derived o
994	15.2	0.3	20	1	ABZ89241	Human oligonucleot	1067	15.2	0.3	20	1	ABD26796	AA293100-derived o
995	15.2	0.3	20	1	ABZ90650	Human oligonucleot	1068	15.2	0.3	20	1	ABD25044	At1128305-derived o
996	15.2	0.3	20	1	ABZ88301	Human oligonucleot	1069	15.2	0.3	20	1	ABD25111	At1125228-derived o
997	15.2	0.3	20	1	ABZ88618	Human oligonucleot	1070	15.2	0.3	20	1	ADP75338	Human endophilin 2
c 998	15.2	0.3	20	1	ABZ88815	Human oligonucleot	c1071	15.2	0.3	20	1	ADP48911	Human PRO 772 Taqm
c 999	15.2	0.3	20	1	ABZ89131	Human oligonucleot	c1072	15.2	0.3	20	1	ADP59012	Human PRO 772 Taqm
c1000	15.2	0.3	20	1	ABZ85311	Human oligonucleot	c1073	15.2	0.3	20	1	ADP61452	Human PRO 772 Taqm
c1001	15.2	0.3	20	1	ABZ86071	Human oligonucleot	c1074	15.2	0.3	20	1	ADP40344	Human PRO 772 Taqm
c1002	15.2	0.3	20	1	ABZ90566	Human oligonucleot	c1075	15.2	0.3	20	1	ADP46140	Human PRO 772 Taqm
c1003	15.2	0.3	20	1	ABZ85435	Human oligonucleot	c1076	15.2	0.3	20	1	ADP24536	Human PRO 772 Taqm
c1004	15.2	0.3	20	1	ABZ86075	Human oligonucleot	c1077	15.2	0.3	20	1	ADP40968	Human PRO 772 Taqm
c1005	15.2	0.3	20	1	ABZ88817	Human oligonucleot	c1078	15.2	0.3	20	1	ADP23912	Human PRO 772 Taqm
c1006	15.2	0.3	20	1	ABZ88939	Human oligonucleot	c1079	15.2	0.3	20	1	ADP33895	Human PRO 772 Taqm
c1007	15.2	0.3	20	1	ABZ89302	Human oligonucleot	c1080	15.2	0.3	20	1	ADP27362	Human PRO 772 Taqm
c1008	15.2	0.3	20	1	ABZ88566	Human oligonucleot	c1081	15.2	0.3	20	1	ADP27998	Human PRO 772 Taqm
c1009	15.2	0.3	20	1	ABZ93280	Human oligonucleot	c1082	15.2	0.3	20	1	ADP41592	Human PRO 772 Taqm
c1010	15.2	0.3	20	1	ABZ89086	Human oligonucleot	c1083	15.2	0.3	20	1	ADP33271	Human PRO 772 Taqm
c1011	15.2	0.3	20	1	ABZ88040	Human oligonucleot	c1084	15.2	0.3	20	1	ADP25637	Human PRO 772 Taqm
c1012	15.2	0.3	20	1	ABZ88813	Human oligonucleot	c1085	15.2	0.3	20	1	ADP26738	Human PRO 772 Taqm
c1013	15.2	0.3	20	1	ABZ93391	Human oligonucleot	c1086	15.2	0.3	20	1	ADP34527	Human PRO 772 Taqm
c1014	15.2	0.3	20	1	ABZ85533	Human oligonucleot	c1087	15.2	0.3	20	1	ADP46764	Human PRO 772 Taqm
c1015	15.2	0.3	20	1	ABZ89015	Human oligonucleot	1088	15.2	0.3	20	1	ADH08814	Human PRO 772 Taqm
c1016	15.2	0.3	20	1	ABZ89441	Human oligonucleot	1089	15.2	0.3	20	1	ADH08814	Nanotechnology nuc
c1017	15.2	0.3	20	1	ABZ85535	Human oligonucleot	c1090	15.2	0.3	20	1	ADG50750	Nanotechnology nuc
c1018	15.2	0.3	20	1	ABZ89016	Human oligonucleot	1091	15.2	0.3	20	1	ADH08749	Human PRO 772 Taqm
c1019	15.2	0.3	20	1	ABZ89120	Human oligonucleot	c1092	15.2	0.3	20	1	ADG50126	Human PRO 772 Taqm
c1020	15.2	0.3	20	1	ABZ89704	Human oligonucleot	c1093	15.2	0.3	20	1	ADG51998	Human PRO 772 Taqm
c1021	15.2	0.3	20	1	ABZ87320	Nanotechnology nuc	c1094	15.2	0.3	20	1	ADG49502	Human PRO 772 Taqm
c1022	15.2	0.3	20	1	ACCS8867	Doubly labeled DN	c1095	15.2	0.3	20	1	ADG48878	Human PRO 772 Taqm
c1023	15.2	0.3	20	1	ACD42197	Antisense oligonuc	1096	15.2	0.3	20	1	ADH07000	Human Vbeta gene r
c1024	15.2	0.3	20	1	ACD42910	Secreted and trans	1097	15.2	0.3	20	1	ADH70655	Human Vbeta gene r
c1025	15.2	0.3	20	1	ABZ22916	Phosphotriolate 2	1098	15.2	0.3	20	1	ADH70919	Human Vbeta PCR pr
c1026	15.2	0.3	20	1	ABD22298	Human stannocalci	1099	15.2	0.3	20	1	ADG51374	Human PRO 772 Taqm
c1027	15.2	0.3	20	1	ABD24497	At1652901-derived o	1100	15.2	0.3	20	1	ADH56921	Human CARD4 DNA o1
c1028	15.2	0.3	20	1	ABD25047	At1128305-derived o	c1101	15.2	0.3	20	1	ADH56921	Human CARD4 DNA o1
c1029	15.2	0.3	20	1	ABD25316	At1092429-derived o	c1102	15.2	0.3	20	1	ADG59318	Human PRO 772 Taqm
c1030	15.2	0.3	20	1	ABD21763	Human stannocalci	c1103	15.2	0.3	20	1	ADG62774	Human PRO 772 Taqm
c1031	15.2	0.3	20	1	ABD25246	At1051835-derived o	c1104	15.2	0.3	20	1	ADH65934	Human glucocortic
c1032	15.2	0.3	20	1	ABD29621	H86812-derived o11	1105	15.2	0.3	20	1	ADH66850	Human glucocortic
c1033	15.2	0.3	20	1	ABD24848	At1092623-derived o	1106	15.2	0.3	20	1	ADH63229	Human glucocortic
c1034	15.2	0.3	20	1	ABD24849	At1092623-derived o	1107	15.2	0.3	20	1	ADH66255	Human glucocortic
c1035	15.2	0.3	20	1	ABD21665	Human stannocalci	1108	15.2	0.3	20	1	ADH63290	Human glucocortic
c1036	15.2	0.3	20	1	ABD24796	At1122688-derived o	1109	15.2	0.3	20	1	ADJ34492	Nucleotide sequen
c1037	15.2	0.3	20	1	ABD25043	At1128305-derived o	c1110	15.2	0.3	20	1	ADJ79500	Human HMG-CoA redu
c1038	15.2	0.3	20	1	ABD25045	At1128305-derived o	c1111	15.2	0.3	20	1	ADJ79563	Human HMG-CoA redu
c1039	15.2	0.3	20	1	ABD25350	AA664176-derived o	1112	15.2	0.3	20	1	ADJ79760	Human HMG-CoA redu
c1040	15.2	0.3	20	1	ABD29510	AA664176-derived o	1113	15.2	0.3	20	1	ADJ79697	Human HMG-CoA redu
c1041	15.2	0.3	20	1	ABD22301	Human stannocalci	1114	15.2	0.3	20	1	ADJ47212	Human HMG-CoA redu
c1042	15.2	0.3	20	1	ABD22305	Human stannocalci	c1115	15.2	0.3	20	1	ADJ51142	Molecule analysing
c1043	15.2	0.3	20	1	ABD25245	At1051835-derived o	1116	15.2	0.3	20	1	ADK97249	Polyallylenimine-
c1044	15.2	0.3	20	1	ABD25409	At1122688-derived o	c1117	15.2	0.3	20	1	ADK97249	Primer of the inve
c1045	15.2	0.3	20	1	ABD24686	AA281534-derived o	1118	15.2	0.3	20	1	ADK95620	Primer of the inve
c1046	15.2	0.3	20	1	ABD25169	At1041482-derived o	1119	15.2	0.3	20	1	ADK69889	Oligonucleotide as
c1047	15.2	0.3	20	1	ABD25471	At1041482-derived o	1120	15.2	0.3	20	1	ADJ32920	Oligo related to t
c1048	15.2	0.3	20	1	ABD24270	Human calmodulin 2	c1121	15.2	0.3	20	1	ADJ32905	Synthetic thiol-mo
c1049	15.2	0.3	20	1	ABD24795	At1122688-derived o	c1122	15.2	0.3	20	1	ADJ62173	Human EDG1 antien
c1050	15.2	0.3	20	1	ABD25110	At1152228-derived o	c1123	15.2	0.3	20	1	ADJ62140	Human EDG1 antien
c1051	15.2	0.3	20	1	ABD25934	AA505075-derived o	c1124	15.2	0.3	20	1	ADK69880	Sulphurised oligon
c1052	15.2	0.3	20	1	ABD25935	AA505075-derived o	c1125	15.2	0.3	20	1	ADK69885	Sulphurised oligon
c1053	15.2	0.3	20	1	ABD25936	AA505075-derived o	c1126	15.2	0.3	20	1	ADK67452	Electrochemical de
c1054	15.2	0.3	20	1	ABD2135	Human pBEAc-deriv	c1127	15.2	0.3	20	1	ADJ16507	Antisense DNA olig
c1055	15.2	0.3	20	1	ABD21541	Human calcium bindi	c1128	15.2	0.3	20	1	ADJ17944	Antisense DNA olig

c1129	15.2	0.3	20	1	ADJ18317	Antisense DNA olig
c1130	15.2	0.3	20	1	ADJ1837	Human endothelial
c1131	15.2	0.3	20	1	ADJ22859	Human endothelial
c1132	15.2	0.3	20	1	ADJ21882	Human endothelial
c1133	15.2	0.3	20	1	ADK74647	Chimeric phosphoro
c1134	15.2	0.3	20	1	ADK80862	Chimeric phosphoro
c1135	15.2	0.3	20	1	ADK76498	Chimeric phosphoro
c1136	15.2	0.3	20	1	ADK74969	Chimeric phosphoro
c1137	15.2	0.3	20	1	ADK74889	Chimeric phosphoro
c1138	15.2	0.3	20	1	ADK72826	Chimeric phosphoro
c1139	15.2	0.3	20	1	ADK75921	Chimeric phosphoro
c1140	15.2	0.3	20	1	ADK76310	Chimeric phosphoro
c1141	15.2	0.3	20	1	ADL00984	Human VEGF co-regu
c1142	15.2	0.3	20	1	ADL32235	Clone specific PCR
c1143	15.2	0.3	20	1	ADL32236	Clone specific PCR
c1144	15.2	0.3	20	1	ADL17576	Human PEO 772 Taqm
c1145	15.2	0.3	20	1	ADL13726	RNA Oligomer #5.
c1146	15.2	0.3	20	1	ADL16632	Primer of the inve
c1147	15.2	0.3	20	1	ADL07410	Human PEO 772 Taqm
c1148	15.2	0.3	20	1	ADN03515	Mouse carboxypept1
c1149	15.2	0.3	20	1	ADM13992	Human mPGES-1 chim
c1150	15.2	0.3	20	1	ADM13994	Human mPGES-1 chim
c1151	15.2	0.3	20	1	ADM13999	Human mPGES-1 chim
c1152	15.2	0.3	20	1	ADM14008	Human mPGES-1 chim
c1153	15.2	0.3	20	1	ADM14002	Human mPGES-1 chim
c1154	15.2	0.3	20	1	ADM14090	Human mPGES-1 chim
c1155	15.2	0.3	20	1	ADM14151	Human mPGES-1 chim
c1156	15.2	0.3	20	1	ADM13997	Human mPGES-1 chim
c1157	15.2	0.3	20	1	ADM14017	Human mPGES-1 chim
c1158	15.2	0.3	20	1	ADM14018	Human mPGES-1 chim
c1159	15.2	0.3	20	1	ADM14068	Human mPGES-1 chim
c1160	15.2	0.3	20	1	ADM14257	Human mPGES-1 chim
c1161	15.2	0.3	20	1	ADM14000	Human mPGES-1 chim
c1162	15.2	0.3	20	1	ADM14006	Human mPGES-1 chim
c1163	15.2	0.3	20	1	ADM14014	Human mPGES-1 chim
c1164	15.2	0.3	20	1	ADM14020	Human mPGES-1 chim
c1165	15.2	0.3	20	1	ADM15225	Human mPGES-1 chim
c1166	15.2	0.3	20	1	ADM13991	Human mPGES-1 chim
c1167	15.2	0.3	20	1	ADM14003	Human mPGES-1 chim
c1168	15.2	0.3	20	1	ADM14005	Human mPGES-1 chim
c1169	15.2	0.3	20	1	ADM14246	Human mPGES-1 chim
c1170	15.2	0.3	20	1	ADM13995	Human mPGES-1 chim
c1171	15.2	0.3	20	1	ADM14011	Human mPGES-1 chim
c1172	15.2	0.3	20	1	ADM14240	Human mPGES-1 chim
c1173	15.2	0.3	20	1	ADM14009	Human mPGES-1 chim
c1174	15.2	0.3	20	1	ADM14010	Human mPGES-1 chim
c1175	15.2	0.3	20	1	ADM14089	Human mPGES-1 chim
c1176	15.2	0.3	20	1	ADM14627	Human mPGES-1 chim
c1177	15.2	0.3	20	1	ADM14016	Human mPGES-1 chim
c1178	15.2	0.3	20	1	ADM14075	Human mPGES-1 chim
c1179	15.2	0.3	20	1	ADM14189	Human mPGES-1 chim
c1180	15.2	0.3	20	1	ADM13996	Human mPGES-1 chim
c1181	15.2	0.3	20	1	ADM14001	Human mPGES-1 chim
c1182	15.2	0.3	20	1	ADM14004	Human mPGES-1 chim
c1183	15.2	0.3	20	1	ADM14012	Human mPGES-1 chim
c1184	15.2	0.3	20	1	ADM14015	Human mPGES-1 chim
c1185	15.2	0.3	20	1	ADM14021	Human mPGES-1 chim
c1186	15.2	0.3	20	1	ADM14388	Human mPGES-1 chim
c1187	15.2	0.3	20	1	ADM14013	Human mPGES-1 chim
c1188	15.2	0.3	20	1	ADM14019	Human mPGES-1 chim
c1189	15.2	0.3	20	1	ADM14087	Human mPGES-1 chim
c1190	15.2	0.3	20	1	ADM14300	Human mPGES-1 chim
c1191	15.2	0.3	20	1	ADM13993	Human mPGES-1 chim
c1192	15.2	0.3	20	1	ADM13998	Human mPGES-1 chim
c1193	15.2	0.3	20	1	ADM14007	Human mPGES-1 chim
c1194	15.2	0.3	20	1	ADM14124	Human mPGES-1 chim
c1195	15.2	0.3	20	1	ADM14216	Human mPGES-1 chim
c1196	15.2	0.3	20	1	AD046478	Human oligonucleot
c1197	15.2	0.3	20	1	AD054683	Farnesoid X recept
c1198	15.2	0.3	20	1	AD010707	Single multiplex p
c1199	15.2	0.3	20	1	AD003711	SERS-based analyte
c1200	15.2	0.3	20	1	ADN58920	Mouse B7H antilens
c1201	15.2	0.3	20	1	ADN30080	Human cytokine-ind
c1202	15.2	0.3	20	1	ADN30139	Human cytokine-ind
c1203	15.2	0.3	20	1	ADN29249	Human kallikrein 6
c1204	15.2	0.3	20	1	ADN29238	Human kallikrein 6
c1205	15.2	0.3	20	1	ADN29162	Human kallikrein 6
c1206	15.2	0.3	20	1	ADN29174	Human kallikrein 6
c1207	15.2	0.3	20	1	ADP20486	Transcription fact
c1208	15.2	0.3	20	1	ADP26808	Human Ephrin-B2 DN
c1209	15.2	0.3	20	1	ADP26866	Human Ephrin-B2 DN
c1210	15.2	0.3	20	1	ADP27094	Human matrix metal
c1211	15.2	0.3	20	1	ADP27249	Human MMP1 DNA an
c1212	15.2	0.3	20	1	ADP20152	Nucleic acid detec
c1213	15.2	0.3	20	1	ADP20137	Nucleic acid detec
c1214	15.2	0.3	20	1	ADP74437	Human NRP antisens
c1215	15.2	0.3	20	1	ADP74513	Human NRP antisens
c1216	15.2	0.3	20	1	ADP66834	Human endothelial
c1217	15.2	0.3	20	1	ADP66909	Mouse endothelial
c1218	15.2	0.3	20	1	ADP67018	Mouse endothelial
c1219	15.2	0.3	21	1	AAQ36818	Oligomer SM 82 use
c1220	15.2	0.3	21	1	AAQ75633	Reverse transcript
c1221	15.2	0.3	21	1	AAQ75733	Reverse transcript
c1222	15.2	0.3	21	1	AAQ75643	Reverse transcript
c1223	15.2	0.3	21	1	AAQ75725	Reverse transcript
c1224	15.2	0.3	21	1	AAQ75646	Reverse transcript
c1225	15.2	0.3	21	1	AAQ75713	Reverse transcript
c1226	15.2	0.3	21	1	AAQ75680	Reverse transcript
c1227	15.2	0.3	21	1	AAQ75697	Reverse transcript
c1228	15.2	0.3	21	1	AAQ75777	Reverse transcript
c1229	15.2	0.3	21	1	AAQ75644	Reverse transcript
c1230	15.2	0.3	21	1	AAQ75679	Reverse transcript
c1231	15.2	0.3	21	1	AAQ75761	Reverse transcript
c1232	15.2	0.3	21	1	AAQ75721	Reverse transcript
c1233	15.2	0.3	21	1	AAQ94976	SSP7 Oligonucleot
c1234	15.2	0.3	21	1	AAAT12747	Glyceroldehyde-3-P
c1235	15.2	0.3	21	1	AAAT36633	Probe for glyceral
c1236	15.2	0.3	21	1	AAAT35539	DNAse I gene sense
c1237	15.2	0.3	21	1	AAAT94644	3' primer for huma
c1238	15.2	0.3	21	1	AAV35395	HIV-1 gag protein
c1239	15.2	0.3	21	1	AAV36910	S. cereale microsa
c1240	15.2	0.3	21	1	AAV73916	S. pneumoniae 37-k
c1241	15.2	0.3	21	1	AAZ23352	GAPDH PCR primer.
c1242	15.2	0.3	21	1	AAV99509	Oligonucleotide SM
c1243	15.2	0.3	21	1	AAZ23835	Rye microsatellit
c1244	15.2	0.3	21	1	AAZ21043	PCR primer used to
c1245	15.2	0.3	21	1	AAZ46804	Human beta-actin g
c1246	15.2	0.3	21	1	AAZ75736	Human biallelic ma
c1247	15.2	0.3	21	1	AAE83020	Human MBSPI0 ampl1
c1248	15.2	0.3	21	1	AAE83021	Human MBSPI0 ampl1
c1249	15.2	0.3	21	1	AAE80612	Streptococcus pneu
c1250	15.2	0.3	21	1	AAE95424	Human gene single
c1251	15.2	0.3	21	1	AAE95857	Human gene single
c1252	15.2	0.3	21	1	AAE97304	Human gene single
c1253	15.2	0.3	21	1	AAE97352	Human gene single
c1254	15.2	0.3	21	1	AAH49122	Human FBN1 gene as
c1255	15.2	0.3	21	1	ABKS1695	Human CMR receptor
c1256	15.2	0.3	21	1	AAAD30663	Streptococcus pneu
c1257	15.2	0.3	21	1	AAI68672	ICAM-1 triple heli
c1258	15.2	0.3	21	1	ABSE60808	Human polymorphism
c1259	15.2	0.3	21	1	ABSE6083	Human polymorphism
c1260	15.2	0.3	21	1	ABSE60582	Human polymorphism
c1261	15.2	0.3	21	1	ABLA5107	Human chromosome 1
c1262	15.2	0.3	21	1	ABN85565	Human hICG PCR pti
c1263	15.2	0.3	21	1	ABN85194	Transmissible gast
c1264	15.2	0.3	21	1	ABE97993	Human UDP-glucuron
c1265	15.2	0.3	21	1	ABD93936	Human VWF-cp pre-p
c1266	15.2	0.3	21	1	ABE704652	Human ALDH4 gene p
c1267	15.2	0.3	21	1	ABKS5612	Human NOV1 RT-PCR
c1268	15.2	0.3	21	1	ABAA00315	BC antisense prime
c1269	15.2	0.3	21	1	ABAI15921	Synthetic storage
c1270	15.2	0.3	21	1	ACD06690	RT-PCR probe for h
c1271	15.2	0.3	21	1	ACD06364	RT-PCR probe for h
c1272	15.2	0.3	21	1	ACD06594	RT-PCR probe for h
c1273	15.2	0.3	21	1	ACD06726	RT-PCR probe for h
c1274	15.2	0.3	21	1	ACD06738	RT-PCR probe for h

1275	15.2	0.3	21	1	ACD06765	RT-PCR probe for h
1276	15.2	0.3	21	1	ACD06714	RT-PCR probe for h
1277	15.2	0.3	21	1	ACH03685	Ear I-based lysine
1278	15.2	0.3	21	1	ADB97482	ATR target sequenc
1279	15.2	0.3	21	1	ADC72223	S. pneumoniae sero
1280	15.2	0.3	21	1	ADP48471	Human Myc chemical
1281	15.2	0.3	21	1	ADP23282	Resolvaase PCR prim
1282	15.2	0.3	21	1	ADG30149	MYC-targeted siNA
1283	15.2	0.3	21	1	ADG46663	PCR primer #2 for
1284	15.2	0.3	21	1	ADH76478	Chimeric pMS plas
1285	15.2	0.3	21	1	ACC47373	Rat IgG1 DNA ampli
1286	15.2	0.3	21	1	ADK01333	Rat DNA microarray
1287	15.2	0.3	21	1	ADK01281	Rat DNA microarray
1288	15.2	0.3	21	1	ADK01335	Rat DNA microarray
1289	15.2	0.3	21	1	ADK01282	Rat DNA microarray
1294	15.2	0.3	21	1	ADK01330	Rat DNA microarray
1295	15.2	0.3	21	1	ADK01332	Rat DNA microarray
1296	15.2	0.3	21	1	ADK01330	Rat DNA microarray
1297	15.2	0.3	21	1	ADK01332	Rat DNA microarray
1298	15.2	0.3	21	1	ADK01310	Rat DNA microarray
1299	15.2	0.3	21	1	ADK01342	Rat DNA microarray
1300	15.2	0.3	21	1	ADK01342	Rat DNA microarray
1301	15.2	0.3	21	1	ADJ13049	Human DNA probe us
1302	15.2	0.3	21	1	ADJ12995	Human DNA probe us
1303	15.2	0.3	21	1	ABD25908	Al654215-derived o
1304	15.2	0.3	21	1	ABD25907	Al654215-derived o
1305	15.2	0.3	21	1	ADK94639	Primer of the inve
1306	15.2	0.3	21	1	ADK94891	Primer of the inve
1307	15.2	0.3	21	1	ADK67451	Electrochemical de
1308	15.2	0.3	21	1	ADN02684	Liver disease asso
1309	15.2	0.3	21	1	ADN96632	Human NOVX probe #
1310	15.2	0.3	21	1	ADN96480	Human NOVX probe #
1311	15.2	0.3	21	1	ADN96586	Human NOVX probe #
1312	15.2	0.3	21	1	ADN96634	Human NOVX probe #
1313	15.2	0.3	21	1	ADN96610	Human NOVX probe #
1314	15.2	0.3	21	1	ADN96460	Human NOVX probe #
1315	15.2	0.3	21	1	ADN96661	Human NOVX probe #
1316	15.2	0.3	21	1	ADP12268	Tagman probe set 2
1317	15.2	0.3	21	1	ADP88014	Pig KIT/MCIR gene
1318	15.2	0.3	39	1	AAI47120	Pyrim domain conta
1319	15.2	0.3	15	1	ADDO0756	PCR primer 1 used
1320	15.2	0.3	17	1	AA774218	Mouse bg critical
1321	15.2	0.3	17	1	AAPO5468	Hammerhead ribozym
1322	15.2	0.3	17	1	ABN06773	Human GDMBP-1 17-m
1323	15.2	0.3	17	1	ABN06774	Human GDMBP-1 17-m
1324	15.2	0.3	17	1	ABN06775	Human GDMBP-1 17-m
1325	15.2	0.3	17	1	ABK98153	Triple helix form1
1326	15.2	0.3	17	1	ADBA3293	Tumour suppression
1327	15.2	0.3	17	1	AD149558	Human P7EN phospho
1328	15.2	0.3	18	1	AAZ91377	Human P7EN phospho
1329	15.2	0.3	18	1	AAAB7963	UL5 herpes replica
1330	15.2	0.3	18	1	AA514003	Human P7EN antisen
1331	15.2	0.3	18	1	AAAD40038	Human P7EN antisen
1332	15.2	0.3	18	1	ADP43142	Human phosphatase
1333	15.2	0.3	18	1	AD130192	Human P7EN specifc
1334	15.2	0.3	19	1	AAZ72945	Human biallelic ma
1335	15.2	0.3	19	1	AD015065	Human PDGFR-target
1336	15.2	0.3	19	1	AD014754	Human PDGFR-target
1337	15.2	0.3	19	1	ADW76226	NEPNA gene transcr
1338	15.2	0.3	20	1	AAO65541	Primer to amplify
1339	15.2	0.3	20	1	AAO65597	Type II procollage
1340	15.2	0.3	20	1	AAI76809	Prostate-specific
1341	15.2	0.3	20	1	AAV25613	Primer for prostat
1342	15.2	0.3	20	1	AAV68372	Adapter primer o11
1343	15.2	0.3	20	1	AAZ28693	Nucleotide sequenc
1344	15.2	0.3	20	1	AAZ36086	Reverse PCR primer
1345	15.2	0.3	20	1	AAI71974	PSA forward primer
1346	15.2	0.3	20	1	ADJ37944	RT-PCR primer, R3N
1347	15.2	0.3	20	1	AB565095	Human casein Kinase
1348	15.2	0.3	20	1	AD599249	Human proctate spe
1349	15.2	0.3	20	1	AD069530	Food enrichment-re
1350	15.2	0.3	20	1	ABE297387	Human IL4-R oligon
1351	15.2	0.3	20	1	ABE287225	Human oligonucleot
1352	15.2	0.3	20	1	ABD321455	Human myosin X-der
1353	15.2	0.3	20	1	ABD30418	Human IL4-R deri
1354	15.2	0.3	20	1	AD599206	Oligonucleotide as
1355	15.2	0.3	20	1	AD093320	Human proctate-spe
1356	15.2	0.3	20	1	ADK43324	Antisense 2'-MOE g
1357	15.2	0.3	20	1	ADK43347	Human PTPRA DNA ta
1358	15.2	0.3	20	1	AD044696	Human oligonucleot
1359	15.2	0.3	20	1	ADP10878	Set 1 left PCR pri
1360	15.2	0.3	20	1	ADP09977	Primer of the inve
1361	15.2	0.3	20	1	AD025903	Camelidae VHH-rela
1362	15.2	0.3	21	1	AAQ32177	Reverse PCR primer
1363	15.2	0.3	21	1	AAQ20342	Probe based on N-t
1364	15.2	0.3	21	1	AAZ28506	Probe 33P2B. Bac
1365	15.2	0.3	21	1	AAQ31422	Ant-active toxin g
1366	15.2	0.3	21	1	AAQ37092	Toxin gene 33f2 pr
1367	15.2	0.3	21	1	AAQ81164	B.t. toxin probe 3
1368	15.2	0.3	21	1	AAZ66806	Bacillus thuringie
1369	15.2	0.3	21	1	AAZ60052	Probe 63B-A/33P2B
1370	15.2	0.3	21	1	AAV58992	B.t. toxin gene pr
1371	15.2	0.3	21	1	AAV67430	Nucleotide fragmen
1372	15.2	0.3	21	1	AAZ65104	Probe 33P2B used t
1373	15.2	0.3	21	1	AAZ65104	PCR primer #2 used
1374	15.2	0.3	21	1	ABR88244	Bacillus thuringie
1375	15.2	0.3	21	1	AAI66680	Short interfering
1376	15.2	0.3	21	1	ADC16526	Human Myc chemical
1377	15.2	0.3	21	1	ADP48483	Human Myc chemical
1378	15.2	0.3	21	1	ADP48475	Human Myc chemical
1379	15.2	0.3	21	1	ADK48491	Human Myc chemical
1380	15.2	0.3	21	1	ADG30153	MYC-targeted siNA
1381	15.2	0.3	21	1	ADG30145	MYC-targeted siNA
1382	15.2	0.3	21	1	AD100385	PCR primer SEQ ID
1383	15.2	0.3	21	1	AD130235	Human PTEN specifc
1384	15.2	0.3	21	1	AD61362	Human protein tyro
1385	15.2	0.3	21	1	AAQ44791	Murine noggin 5' p
1386	15.2	0.3	18	1	AAI72937	Noggin probe #3.
1387	15.2	0.3	18	1	AAI70520	Primer for human p
1388	15.2	0.3	18	1	AAO53246	Antisense primer t
1389	15.2	0.3	18	1	AAZ493107	Lutetium texaphyr
1390	15.2	0.3	18	1	AAZ89137	Mouse IL-2 recepto
1391	15.2	0.3	18	1	AAZ41209	Human AKT-1 phosph
1392	15.2	0.3	18	1	AAZ40954	Human CD40 antisen
1393	15.2	0.3	18	1	AAI18372	RT-PCR primer of t
1394	15.2	0.3	18	1	AAZ22225	Human Akt-1 mRNA 1
1395	15.2	0.3	18	1	AAI18955	Fructose:glucose r
1396	15.2	0.3	18	1	AAZ71743	Human biallelic ma
1397	15.2	0.3	18	1	AAZ71089	Human biallelic ma
1398	15.2	0.3	18	1	AAZ53246	p450 polymorphism
1399	15.2	0.3	18	1	AAZ72642	Single nucleotide
1400	15.2	0.3	18	1	AAZ72714	Single nucleotide
1401	15.2	0.3	18	1	AAI13717	Simple sequence re
1402	15.2	0.3	18	1	AAZ56330	Human mglur1beta G
1403	15.2	0.3	18	1	AAZ56300	Human mglur1alpha
1404	15.2	0.3	18	1	ABL43560	Human chromosome 1
1405	15.2	0.3	18	1	AAI47147	Pyrim domain conta
1406	15.2	0.3	18	1	ABK98126	Triple helix form1
1407	15.2	0.3	18	1	AAZ54242	RNAp recognition a
1408	15.2	0.3	18	1	AAI56695	Upstream PCR prime
1409	15.2	0.3	18	1	AAI56683	Upstream PCR prime
1410	15.2	0.3	18	1	ABD31300	Human CD23-derived
1411	15.2	0.3	18	1	ADH70522	Human Vbeta gene r
1412	15.2	0.3	18	1	ADH72475	Human reverse PCR
1413	15.2	0.3	18	1	ADJ60134	Oligonucleotide as
1414	15.2	0.3	18	1	AD045623	Human oligonucleot
1415	15.2	0.3	18	1	AD026674	Synthetic leader s
1416	15.2	0.3	18	1	AD026644	Synthetic leader s
1417	15.2	0.3	18	1	AD026638	Synthetic leader s
1418	15.2	0.3	18	1	AD026610	Synthetic leader s
1419	15.2	0.3	18	1	AD079612	KIAA0783 extend pr
1420	15.2	0.3	18	1	AD094595	Mouse noggin DNA s

c1421	14.8	0.3	19	1	AAQ75552	Reverse transcript
c1422	14.8	0.3	19	1	AAI30405	Compound simple se
1423	14.8	0.3	19	1	AAI52445	Forward PCR primer
1424	14.8	0.3	19	1	AAI76390	Human stromal cell
1425	14.8	0.3	19	1	AAI72172	Humanised anti-Fas
c1426	14.8	0.3	19	1	AAI72173	Humanised anti-Fas
c1427	14.8	0.3	19	1	AAI24626	Reverse primer spe
c1428	14.8	0.3	19	1	AAI16111	Humanised HPE7A de
1429	14.8	0.3	19	1	AAI16110	Humanised HPE7A de
1430	14.8	0.3	19	1	AAI49745	Human PRO328 forwa
1431	14.8	0.3	19	1	ADCI78598	Human PRO protein-
c1432	14.8	0.3	19	1	AAI72613	Human gamma-delta-
c1433	14.8	0.3	19	1	AAI78022	Beta-glucuronidase
c1434	14.8	0.3	19	1	AAI60234	Human ATM gene exo
c1435	14.8	0.3	19	1	AAI77141	Rat TRD1-284 PCR p
1436	14.8	0.3	19	1	AAI697472	Human PRO328 PCR p
c1437	14.8	0.3	19	1	AAI18811	Human gamma-delta-
c1438	14.8	0.3	19	1	AAI72176	Gene 216 SSCP dete
c1439	14.8	0.3	19	1	AAI93848	Human GSCI revers
c1440	14.8	0.3	19	1	AAI99605	Canine epididymis-
1441	14.8	0.3	19	1	ABLI48732	Humanised anti-Fas
c1442	14.8	0.3	19	1	ABLI48733	Humanised anti-Fas
c1443	14.8	0.3	19	1	ABLI48737	Human PD1 gene mu
c1444	14.8	0.3	19	1	ABLI3462	Human NOV-associat
c1445	14.8	0.3	19	1	ABLI45990	Humanised anti-Fas
1446	14.8	0.3	19	1	ABLI45989	Humanised anti-Fas
1447	14.8	0.3	19	1	ABO80148	Right primer DBM1
1448	14.8	0.3	19	1	ACI60236	Human secreted/tra
1449	14.8	0.3	19	1	ACD07636	Novel human secret
1450	14.8	0.3	19	1	ACD20499	Human NOVX DNA PCR
1451	14.8	0.3	19	1	ABX71684	Human secreted/tra
1452	14.8	0.3	19	1	ACH07016	Human secreted/tra
1453	14.8	0.3	19	1	ABX75029	Human gene 216 pol
1454	14.8	0.3	19	1	ABX96253	Human secreted/tra
1455	14.8	0.3	19	1	ACA05574	Human secreted pro
1456	14.8	0.3	19	1	ACD20241	Novel secreted / c
1457	14.8	0.3	19	1	ACA55044	Novel secreted and
c1458	14.8	0.3	19	1	ABZ65956	Epididymal cell 11
1459	14.8	0.3	19	1	ACD19879	Human secreted / c
1460	14.8	0.3	19	1	ABZ9491	Human secreted/tra
1461	14.8	0.3	19	1	ADAI18347	Human secreted/tra
1462	14.8	0.3	19	1	ACD67026	Human secreted/tra
1463	14.8	0.3	19	1	ACD83187	Human PRO PCR prim
1464	14.8	0.3	19	1	ADAI6332	Human secreted/tra
1465	14.8	0.3	19	1	ADAI2467	Human secreted/tra
1466	14.8	0.3	19	1	ACD23365	Human PRO PCR prim
1467	14.8	0.3	19	1	ADAI6746	Human secreted/tra
1468	14.8	0.3	19	1	ADAI3175	Human secreted/tra
1473	14.8	0.3	19	1	ADBI7812	Human secreted/tra
1474	14.8	0.3	19	1	ADBI7812	Human secreted/tra
1475	14.8	0.3	19	1	ADCI8594	Human secreted/tra
1476	14.8	0.3	19	1	ADCI9794	Human secreted/tra
1477	14.8	0.3	19	1	ADCI9794	Human secreted/tra
1478	14.8	0.3	19	1	ADCI9132	Human secreted/tra
1479	14.8	0.3	19	1	ADCI9132	Human secreted/tra
1480	14.8	0.3	19	1	ADCI9132	Human secreted/tra
1481	14.8	0.3	19	1	ADCI9132	Human secreted/tra
1482	14.8	0.3	19	1	ADCI9132	Human secreted/tra
1483	14.8	0.3	19	1	ADCI9132	Human secreted/tra
1484	14.8	0.3	19	1	ADCI9132	Human secreted/tra
1485	14.8	0.3	19	1	ADCI9132	Human secreted/tra
1486	14.8	0.3	19	1	ADCI9132	Human secreted/tra
1487	14.8	0.3	19	1	ADCI9132	Human secreted/tra
1488	14.8	0.3	19	1	ADCI9132	Human secreted/tra
1489	14.8	0.3	19	1	ADCI9132	Human secreted/tra
c1490	14.8	0.3	19	1	ADCI9132	Human secreted/tra
c1491	14.8	0.3	19	1	ADCI9132	Human secreted/tra
1492	14.8	0.3	19	1	ADCI9132	Human secreted/tra
c1493	14.8	0.3	19	1	ADCI9132	Human secreted/tra

1713	14.8	0.3	20	1	ABZ88028	Human oligonucleot	1785	14.8	0.3	20	1	ADH50650	Human IRAK-1 DNA
c1714	14.8	0.3	20	1	ABZ87213	Human oligonucleot	1787	14.8	0.3	20	1	ADH06562	Human secreted/tra
c1715	14.8	0.3	20	1	ABZ87656	Human CCR3 oligom	1788	14.8	0.3	20	1	ADH18704	Human secreted/tra
c1716	14.8	0.3	20	1	ABZ86785	Human oligonucleot	1789	14.8	0.3	20	1	ADH15741	Oryza minuta p19
1717	14.8	0.3	20	1	ABZ85536	Human oligonucleot	1790	14.8	0.3	20	1	ADH97483	Human secreted/tra
c1718	14.8	0.3	20	1	ABZ85659	Human oligonucleot	1791	14.8	0.3	20	1	ADH65851	Human secreted/tra
1719	14.8	0.3	20	1	ABZ88637	Human oligonucleot	1792	14.8	0.3	20	1	ADH60594	Human secreted/tra
1720	14.8	0.3	20	1	ABZ89677	Human oligonucleot	1793	14.8	0.3	20	1	ADH00896	Human secreted/tra
c1721	14.8	0.3	20	1	ABZ89368	Human VCAW oligom	1794	14.8	0.3	20	1	ADH09651	Human secreted/tra
1722	14.8	0.3	20	1	ABZ89703	Human trypase a o	1795	14.8	0.3	20	1	ADH08844	Human secreted/tra
c1723	14.8	0.3	20	1	ABZ89731	Human oligonucleot	1796	14.8	0.3	20	1	ADH97313	Primer of the inve
1724	14.8	0.3	20	1	ABZ93319	Human oligonucleot	1797	14.8	0.3	20	1	ADH59659	Oligonucleotide as
c1725	14.8	0.3	20	1	ABZ97318	Human nucleic acid	c1798	14.8	0.3	20	1	ADH59613	Oligonucleotide as
1726	14.8	0.3	20	1	ABZ88634	Human oligonucleot	c1799	14.8	0.3	20	1	ADH59513	Oligonucleotide as
1727	14.8	0.3	20	1	ABZ93479	Human oligonucleot	c1800	14.8	0.3	20	1	ADH60454	Oligonucleotide as
1728	14.8	0.3	20	1	ABZ90351	Human oligonucleot	c1801	14.8	0.3	20	1	ADH61326	Oligonucleotide as
1729	14.8	0.3	20	1	ACA59078	Human PRO PCR prim	1802	14.8	0.3	20	1	ADH60546	VCAW receptor #16
1730	14.8	0.3	20	1	ACA58475	PCR primer #102 us	c1803	14.8	0.3	20	1	ADH61695	Human integrin-1ln
1731	14.8	0.3	20	1	ACA88278	Human GREAT gene e	c1804	14.8	0.3	20	1	ADH58890	Human integrin-1ln
1732	14.8	0.3	20	1	ADJ26385	Human secreted/tra	1805	14.8	0.3	20	1	ADH67454	PCR primer 1 used
c1733	14.8	0.3	20	1	ADM10607	Human N-acetylgluc	1806	14.8	0.3	20	1	ADH25185	Human secreted/tra
c1734	14.8	0.3	20	1	ADM29426	Macrophage colony	c1807	14.8	0.3	20	1	ADH19128	Antisense 2-MOR ga
1735	14.8	0.3	20	1	ABD296709	AA626398-derived o	c1808	14.8	0.3	20	1	ADH18376	Antisense DNA olig
1736	14.8	0.3	20	1	ABD24967	AI095492-derived o	c1809	14.8	0.3	20	1	ADH18343	Human endothelial
c1737	14.8	0.3	20	1	ABD26358	AA459632-derived o	c1810	14.8	0.3	20	1	ADH22145	Human endothelial
1738	14.8	0.3	20	1	ABD26581	AA909635-derived o	c1811	14.8	0.3	20	1	ADH21607	Human endothelial
c1739	14.8	0.3	20	1	ABD21648	S100 calcium bindi	1812	14.8	0.3	20	1	ADM29935	Human secreted/tra
1740	14.8	0.3	20	1	ABD22632	Human myosin X-der	c1813	14.8	0.3	20	1	ADH74572	Chimeric phosphoro
c1741	14.8	0.3	20	1	ABD30833	Human CCR3-derived	c1814	14.8	0.3	20	1	ADH76269	Chimeric phosphoro
1742	14.8	0.3	20	1	ABD21766	Human stannocalci	c1815	14.8	0.3	20	1	ADH74649	Chimeric phosphoro
c1743	14.8	0.3	20	1	ABD231015	Human myosin X-der	1816	14.8	0.3	20	1	ADH81296	Chimeric phosphoro
1744	14.8	0.3	20	1	ABD30687	Human CCR3-derived	1817	14.8	0.3	20	1	ADH80129	Chimeric phosphoro
1745	14.8	0.3	20	1	ABD29549	AA64176-derived o	c1818	14.8	0.3	20	1	ADH74900	Chimeric phosphoro
1746	14.8	0.3	20	1	ABD24258	Human calmodulin 2	1819	14.8	0.3	20	1	ADH83469	Human zaphall cDN
c1747	14.8	0.3	20	1	ABD21342	Human transglutami	c1820	14.8	0.3	20	1	ADH83471	Human zaphall cDN
c1748	14.8	0.3	20	1	ABD22461	Human cathepsin C-	c1821	14.8	0.3	20	1	ADH58062	Human ESM-1 antise
c1749	14.8	0.3	20	1	ABD23443	Human myosin X-der	c1822	14.8	0.3	20	1	ADH57970	Human ESM-1 antise
c1750	14.8	0.3	20	1	ABD28666	T64626-derived oli	c1823	14.8	0.3	20	1	ADH58246	Human ESM-1 antise
c1751	14.8	0.3	20	1	ABD31399	Human VCAW-derived	c1824	14.8	0.3	20	1	ADH17996	Primer of the inve
1752	14.8	0.3	20	1	ABD31698	Human Trypase a-d	c1825	14.8	0.3	20	1	ADH018176	Primer of the inve
c1753	14.8	0.3	20	1	ABD29546	AA64176-derived o	1826	14.8	0.3	20	1	ADH066257	Human PRO PCR prim
c1754	14.8	0.3	20	1	ABD21899	Human stannocalci	c1827	14.8	0.3	20	1	ADH509324	Reverse PCR primer
c1755	14.8	0.3	20	1	ABD23545	Human myosin X-der	c1828	14.8	0.3	20	1	ADH11408	Human CDC14A DNA
1756	14.8	0.3	20	1	ADH79300	Human secreted/tra	c1829	14.8	0.3	20	1	ADH001250	Human CDC14A antis
1757	14.8	0.3	20	1	ADH79724	Human secreted/tra	1830	14.8	0.3	20	1	ADH046035	Human oligonucleot
c1758	14.8	0.3	20	1	ADH73400	Human secreted/tra	c1831	14.8	0.3	20	1	ADH045943	Human oligonucleot
1759	14.8	0.3	20	1	ADH73935	Human secreted/tra	c1832	14.8	0.3	20	1	ADH045149	Human oligonucleot
1760	14.8	0.3	20	1	ADH89449	Human secreted/tra	c1833	14.8	0.3	20	1	ADH047086	Human oligonucleot
1761	14.8	0.3	20	1	ADH898608	Human secreted/tra	c1834	14.8	0.3	20	1	ADH045005	Human oligonucleot
1762	14.8	0.3	20	1	ADH899035	Human secreted/tra	1835	14.8	0.3	20	1	ADH052701	Farnesoid x recept
1763	14.8	0.3	20	1	ADG40505	Human secreted/tra	1836	14.8	0.3	20	1	ADH052652	Farnesoid x recept
1764	14.8	0.3	20	1	ADH73899	Human secreted/tra	1837	14.8	0.3	20	1	ADH054735	Farnesoid x recept
1765	14.8	0.3	20	1	ADH73475	Human secreted/tra	1838	14.8	0.3	20	1	ADH054629	Farnesoid x recept
1766	14.8	0.3	20	1	ADH92318	Human secreted/tra	1839	14.8	0.3	20	1	ADH052702	Farnesoid x recept
1767	14.8	0.3	20	1	ADH92745	Human secreted/tra	1840	14.8	0.3	20	1	ADH021193	NOT2/CARD15 sequen
c1768	14.8	0.3	20	1	ADH14313	Human retinoblasto	1841	14.8	0.3	20	1	ADH061595	COT102 nucleotide
c1769	14.8	0.3	20	1	ADG47554	Oligomer ON #3 RNA	1842	14.8	0.3	20	1	ADH43214	Brassicica napus ARA
c1770	14.8	0.3	20	1	ADG47565	Antisense oligomer	1843	14.8	0.3	20	1	ADH022087	Taxman probe used
c1771	14.8	0.3	20	1	ADG47557	Oligomer ON -13 RN	1844	14.8	0.3	20	1	ADH72076	Human glucose tran
c1772	14.8	0.3	20	1	ADG47557	Oligomer ON -11 DN	c1845	14.8	0.3	20	1	ADH72000	Human glucose tran
c1773	14.8	0.3	20	1	ADG47555	Oligomer ON -21 RN	1846	14.8	0.3	20	1	ADH10928	Set 1 left PCR pri
c1774	14.8	0.3	20	1	ADG47552	Oligomer ON #1 use	1847	14.8	0.3	20	1	ADH11691	Set 2 left PCR pri
c1775	14.8	0.3	20	1	ADG47606	Oligomer ON -11 DN	c1848	14.8	0.3	20	1	ADH033665	PCR primer 2 used
c1776	14.8	0.3	20	1	ADG47607	Oligomer ON -13 RN	1849	14.8	0.3	20	1	ADH48633	Human Notch3 DNA
1777	14.8	0.3	20	1	ADH20534	Human secreted/tra	c1850	14.8	0.3	20	1	ADH050704	Human STAR2 antis
1778	14.8	0.3	20	1	ADH07389	Human secreted/tra	1851	14.8	0.3	20	1	ADH050672	Human STAR2 antis
1779	14.8	0.3	20	1	ADH59934	Human secreted/tra	c1852	14.8	0.3	20	1	ADH43437	Human SLC26A2 targ
c1780	14.8	0.3	20	1	ADH65127	Human glucocortic	1853	14.8	0.3	20	1	ADH43359	Human SLC26A2 anti
1781	14.8	0.3	20	1	ADH64791	Human glucocortic	1854	14.8	0.3	20	1	ADH81572	Human CD1D antise
1782	14.8	0.3	20	1	ADH66045	Human glucocortic	1855	14.8	0.3	20	1	ADH19744	MPL receptor-zalph
c1783	14.8	0.3	20	1	ADH66757	Human glucocortic	c1856	14.8	0.3	20	1	ADH31768	Oestrogen-responsi
1784	14.8	0.3	20	1	ADH66510	Human glucocortic	1857	14.8	0.3	20	1	ADH31643	Oestrogen-responsi
1785	14.8	0.3	20	1	ADH66338	Human glucocortic	1858	14.8	0.3	20	1	ADH44501	Human ABCG5 DNA an

c1859	14.8	0.3	20	1	ADP44426	Human ABCG5 DNA an
c1860	14.8	0.3	20	1	ADQ075559	Beta-actin gene 10
1861	14.8	0.3	20	1	ADQ075559	Beta-actin gene 10
c1862	14.8	0.3	20	1	ADQ075563	Beta-actin gene 10
c1863	14.8	0.3	21	1	AA014196	Oligonucleotide pr
c1864	14.8	0.3	21	1	AA075724	Reverse transcript
c1865	14.8	0.3	21	1	AA075719	Reverse transcript
c1866	14.8	0.3	21	1	AA075732	Reverse transcript
c1867	14.8	0.3	21	1	AA075722	Reverse transcript
c1868	14.8	0.3	21	1	AA075723	Reverse transcript
c1869	14.8	0.3	21	1	AA075726	Reverse transcript
c1870	14.8	0.3	21	1	AA075731	Reverse transcript
c1871	14.8	0.3	21	1	AA075734	Reverse transcript
c1872	14.8	0.3	21	1	AA075720	Reverse transcript
1873	14.8	0.3	21	1	AAV01104	Promatridiolactin p
c1874	14.8	0.3	21	1	ADG78127	Canine disease mar
c1875	14.8	0.3	21	1	AAV52642	Hepatocyte nuclear
1876	14.8	0.3	21	1	AAV52640	Hepatocyte nuclear
c1877	14.8	0.3	21	1	AAV51783	Zea mays genome re
c1878	14.8	0.3	21	1	AAV51785	Nucleotide fragmen
1879	14.8	0.3	21	1	AAV67334	Ligase detection r
1880	14.8	0.3	21	1	AAV10054	Mismatch and analo
1881	14.8	0.3	21	1	AAV10029	Human polymorphic
c1883	14.8	0.3	21	1	AAZ26142	Human polymorphic
c1884	14.8	0.3	21	1	AAZ26268	Human polymorphic
c1885	14.8	0.3	21	1	AAZ26141	Collagen type III
c1886	14.8	0.3	21	1	AAZ28401	Human BUB1 PCR pri
1887	14.8	0.3	21	1	AAZ21457	Oligonucleotide pr
c1888	14.8	0.3	21	1	AAZ76324	Human biallelic ma
c1889	14.8	0.3	21	1	AA47622	Intronc primer 12
1890	14.8	0.3	21	1	AAE97699	Human gene single
c1891	14.8	0.3	21	1	AAE95318	Human gene single
1892	14.8	0.3	21	1	AAE54504	Primer for amplify
c1893	14.8	0.3	21	1	AA169674	Hepatitis B virus
c1894	14.8	0.3	21	1	AAH8946	Human polymorphic
1895	14.8	0.3	21	1	AAH89072	Human polymorphic
c1896	14.8	0.3	21	1	ABA1013	Tail primer #136 f
c1897	14.8	0.3	21	1	ABK65533	Human single nucle
c1898	14.8	0.3	21	1	ABK65824	Human single nucle
c1899	14.8	0.3	21	1	AA046492	Human HNP alpha m
c1900	14.8	0.3	21	1	AA029616	Human beta1a sodiu
c1901	14.8	0.3	21	1	AB079828	Nucleotide sequenc
c1902	14.8	0.3	21	1	ABK83284	Human steroid 17-a
1903	14.8	0.3	21	1	ACA90081	Cardiovascular dis
1904	14.8	0.3	21	1	ACF57038	Human ADAMTS16 PCR
c1905	14.8	0.3	21	1	ADD20454	Oreochromis niloti
1906	14.8	0.3	21	1	ADD19918	Oreochromis niloti
1907	14.8	0.3	21	1	AD847934	Human NOVA reverse
c1908	14.8	0.3	21	1	ADP37884	Human VEGFR3 short
c1909	14.8	0.3	21	1	ADP37892	Human VEGFR3 short
c1910	14.8	0.3	21	1	ADP37876	Human VEGFR3 short
1911	14.8	0.3	21	1	ADP50597	Antisense DNA olig
1912	14.8	0.3	21	1	ACF88266	Candidate 3 gene f
1913	14.8	0.3	21	1	ADP54653	CYP26 gene primer
1914	14.8	0.3	21	1	ADG38551	Human genomic Cpg
1915	14.8	0.3	21	1	ABZ75647	Template (CTGA)6-A
c1916	14.8	0.3	21	1	ADJ13736	Human DNA probe us
c1917	14.8	0.3	21	1	ADJ13035	Human DNA probe us
c1918	14.8	0.3	21	1	ADJ13143	Human DNA probe us
c1919	14.8	0.3	21	1	ADJ13665	Human DNA probe us
c1920	14.8	0.3	21	1	ADJ13811	Human DNA probe us
c1921	14.8	0.3	21	1	ADJ13111	Human DNA probe us
c1922	14.8	0.3	21	1	ADJ13628	Human DNA probe us
c1923	14.8	0.3	21	1	ADJ13847	Human DNA probe us
c1924	14.8	0.3	21	1	ADJ13629	Human DNA probe us
c1925	14.8	0.3	21	1	ADJ13737	Human DNA probe us
c1926	14.8	0.3	21	1	ADJ13075	Human DNA probe us
c1927	14.8	0.3	21	1	ADJ13664	Human DNA probe us
c1928	14.8	0.3	21	1	ADJ13775	Human DNA probe us
c1929	14.8	0.3	21	1	ADJ13147	Human DNA probe us
c1930	14.8	0.3	21	1	ADJ13071	Human DNA probe us
1931	14.8	0.3	21	1	ABD25933	AA505075-derived o

1932	14.8	0.3	21	1	ADJ79204	Human NOVX protein
1933	14.8	0.3	21	1	ADK00177	Murine pmn sequenc
c1934	14.8	0.3	21	1	ADN00292	Rat interferon-ind
c1935	14.8	0.3	21	1	AD016729	4 synthetase-period
c1936	14.8	0.3	21	1	AD061414	Human ATP1A2 DNA p
1937	14.8	0.3	21	1	AD085851	Colon carcinoma ca
1938	14.8	0.3	20	1	AA147122	Pyrin domain conta
1939	14.6	0.3	30	1	AA27908	5'-anchored simle
c1940	14.4	0.3	19	1	AAV0490	Canine beta-3 adre
c1941	14.4	0.3	19	1	AA0709139	HTLV-1/tax constru
1942	14.4	0.3	19	1	AA0709138	HTLV-1/tax constru
1943	14.4	0.3	19	1	AA063656	Oligo disclosed in
1944	14.4	0.3	20	1	ACC45203	Human NAC chimeric
c1945	14.2	0.3	20	1	ABZ86076	Human oligonucleot
c1946	14.2	0.3	20	1	ABD22306	Human staminalocali
c1947	14.2	0.3	20	1	ABZ88040	Human oligonucleot
c1948	14.2	0.3	20	1	ABD24270	Human calmodulin 2
c1949	14.2	0.3	20	1	ADG84334	Human papillomavir
c1950	14.2	0.3	20	1	ADP44236	HPV Cp8034 detecti
c1951	14.2	0.3	22	1	AA64532	PCR primer G2 used
1952	13.8	0.3	18	1	AAV95047	Mouse IL-2 recepto

ALIGNMENTS

RESULT 1	ABZ00511	ABZ00511 standard; DNA; 50 BP.
ID	ABZ00511	
AC	ABZ00511;	
XX		
DT	09-JAN-2003 (first entry)	
XX		
DE	Human leukocyte gene expression profiling probe SEQ ID NO 502.	
XX		
KW	T7; leukocyte; gene expression profiling; allograft rejection;	
KW	atherosclerosis; congestive heart failure; systemic lupus erythematosus;	
KW	rheumatoid arthritis; osteoarthritis; cytomegalovirus; infection; probe;	
OS	Homo sapiens.	
PN	WO200257414-A2.	
PD	25-JUL-2002.	
PF	22-OCT-2001; 2001WO-US047856.	
XX		
PR	20-OCT-2000; 2000US-0241994P.	
PR	08-JUN-2001; 2001US-0296764P.	
XX		
PA	(BIOC-) BIOCARDIA INC.	
XX		
PI	Wohlgenuth J, Fry K, Matcuk G, Altman P, Prentice J, Phillips J;	
PI	Ly N, Woodward R, Quetermous T, Johnson P;	
XX		
DR	WPI; 2002-636525/68.	
XX		
PT	New system for leukocyte expression profiling, diagnosing a disease, or	
PT	monitoring (the rate of) progression of a disease, e.g. atherosclerosis	
PT	or congestive heart failure, comprises diagnostic oligonucleotides.	
XX		
PS	Claim 1, Page 341; Opp; English.	
XX		
CC	The invention relates to a system for detecting gene expression, which	
CC	comprises one or two isolated DNA molecules that detect expression of a	
CC	gene, where the gene corresponds to any of 8143 oligonucleotides	
CC	(ABZ00010-ABZ08152) each having 50 base pairs (bp). The system is useful	
CC	for leukocyte expression profiling. It is particularly useful for	
CC	diagnosing a disease, monitoring (rate of) progression of a disease,	
CC	predicting therapeutic outcome, determining prognosis for a patient,	
CC	predicting disease complications in an individual or monitoring response	

CC to treatment in an individual. The diseases include cardiac allograft
CC rejection, kidney allograft rejection, liver allograft rejection,
CC atherosclerosis, congestive heart failure, systemic lupus erythematosus,
CC rheumatoid arthritis, osteoarthritis or cytomegalovirus infection
XX
SQ Sequence 50 BP; 10 A; 13 C; 14 G; 13 T; 0 U; 0 Other;

Query Match 0.9%; Score 50; DB 1; Length 50;
Best Local Similarity 100.0%; Pred. No. 0.0061;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 5148 AACCATTTGCTGCTGTGTCAAGGGTGAGCCCCCAAAATTGGGGTTTC 5197
|||||
DB 1 AACCATTTGCTGCTGTGTCAAGGGTGAGCCCCCAAAATTGGGGTTTC 50

RESULT 2
ABZ03219
ID ABZ03219 standard; DNA; 50 BP.

AC ABZ03219;

DT 09-JAN-2003 (first entry)

DE Human leukocyte gene expression profiling probe SEQ ID NO 3210.

XX T7; leukocyte; gene expression profiling; allograft rejection;
XX atherosclerosis; congestive heart failure; systemic lupus erythematosus;
XX rheumatoid arthritis; osteoarthritis; cytomegalovirus; infection; probe;
XX se.

OS Homo sapiens.

XX WO200257414-A2.

XX 25-JUL-2002.

XX 22-OCT-2001; 2001MO-US047856.

XX 20-OCT-2000; 2000US-0241994P.

XX 08-JUN-2001; 2001US-0296764P.

XX (BIOC-) BIOCARDIA INC.

XX Wohlgenuth J, Fry K, Matcuk G, Altman P, Prentice J, Phillips J;
PI Ly N, Woodward R, Quetermous T, Johnson F;

XX MPI; 2002-636525/68.

XX New system for leukocyte expression profiling, diagnosing a disease, or
PT monitoring (the rate of) progression of a disease, e.g. atherosclerosis
PT or congestive heart failure, comprises diagnostic oligonucleotides.

XX Claim 1; Page 430; Opp; English.

XX The invention relates to a system for detecting gene expression, which
CC comprises one or two isolated DNA molecules that detect expression of a
CC gene, where the gene corresponds to any of 8143 oligonucleotides
CC (ABZ00010-ABZ08152) each having 50 base pairs (bp). The system is useful
CC for leukocyte expression profiling. It is particularly useful for
CC diagnosing a disease, monitoring (rate of) progression of a disease,
CC predicting therapeutic outcome, determining prognosis for a patient,
CC predicting disease complications in an individual or monitoring response
CC to treatment in an individual. The diseases include cardiac allograft
CC rejection, kidney allograft rejection, liver allograft rejection,
CC atherosclerosis, congestive heart failure, systemic lupus erythematosus,
CC rheumatoid arthritis, osteoarthritis or cytomegalovirus infection

XX Sequence 50 BP; 9 A; 11 C; 20 G; 10 T; 0 U; 0 Other;

Query Match 0.9%; Score 50; DB 1; Length 50;
Best Local Similarity 100.0%; Pred. No. 0.0061;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 5160 CTGGCTGTGTCAAGGGTGAGCCCCCAAAATTGGGGTTTCAGCGTGAGAGCC 5209
|||||
DB 1 CTGGCTGTGTCAAGGGTGAGCCCCCAAAATTGGGGTTTCAGCGTGAGAGCC 50

RESULT 3
ABZ03479

ID ABZ03479 standard; DNA; 50 BP.

XX ABZ03479;

DT 09-JAN-2003 (first entry)

DE Human leukocyte gene expression profiling probe SEQ ID NO 3470.

XX T7; leukocyte; gene expression profiling; allograft rejection;
XX atherosclerosis; congestive heart failure; systemic lupus erythematosus;
XX rheumatoid arthritis; osteoarthritis; cytomegalovirus; infection; probe;
XX se.

OS Homo sapiens.

XX WO200257414-A2.

XX 25-JUL-2002.

XX 22-OCT-2001; 2001MO-US047856.

XX 20-OCT-2000; 2000US-0241994P.

XX 08-JUN-2001; 2001US-0296764P.

XX (BIOC-) BIOCARDIA INC.

XX Wohlgenuth J, Fry K, Matcuk G, Altman P, Prentice J, Phillips J;
PI Ly N, Woodward R, Quetermous T, Johnson F;

XX MPI; 2002-636525/68.

XX New system for leukocyte expression profiling, diagnosing a disease, or
PT monitoring (the rate of) progression of a disease, e.g. atherosclerosis
PT or congestive heart failure, comprises diagnostic oligonucleotides.

XX Claim 1; Page 437; Opp; English.

XX The invention relates to a system for detecting gene expression, which
CC comprises one or two isolated DNA molecules that detect expression of a
CC gene, where the gene corresponds to any of 8143 oligonucleotides
CC (ABZ00010-ABZ08152) each having 50 base pairs (bp). The system is useful
CC for leukocyte expression profiling. It is particularly useful for
CC diagnosing a disease, monitoring (rate of) progression of a disease,
CC predicting therapeutic outcome, determining prognosis for a patient,
CC predicting disease complications in an individual or monitoring response
CC to treatment in an individual. The diseases include cardiac allograft
CC rejection, kidney allograft rejection, liver allograft rejection,
CC atherosclerosis, congestive heart failure, systemic lupus erythematosus,
CC rheumatoid arthritis, osteoarthritis or cytomegalovirus infection

XX Sequence 50 BP; 9 A; 11 C; 20 G; 10 T; 0 U; 0 Other;

Query Match 0.9%; Score 50; DB 1; Length 50;
Best Local Similarity 100.0%; Pred. No. 0.0061;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 5160 CTGGCTGTGTCAAGGGTGAGCCCCCAAAATTGGGGTTTCAGCGTGAGAGCC 5209
|||||
DB 1 CTGGCTGTGTCAAGGGTGAGCCCCCAAAATTGGGGTTTCAGCGTGAGAGCC 50

RESULT 4

ABZ07924
ID ABZ07924 standard; DNA; 50 BP.

XX

```
AC AB207924;
XX
XX 09-JAN-2003 (first entry)
XX
XX
XX Human leukocyte gene expression profiling probe SEQ ID NO 7915.
DE
XX
XX T7; leukocyte; gene expression profiling; allograft rejection;
XX atherosclerosis; congestive heart failure; systemic lupus erythematosus;
XX rheumatoid arthritis; osteoarthritis; cytomegalovirus; infection; probe;
XX ss.
XX
XX Homo sapiens.
XX
XX WO200257414-A2.
XX
XX 25-JUL-2002.
XX
XX 22-OCT-2001; 2001WO-US047856.
XX
XX 20-OCT-2000; 2000US-0241994P.
XX
XX 08-JUN-2001; 2001US-0296764P.
XX
XX (BIOC-) BIOCARDIA INC.
XX
XX Wohlgenuth J, Fry K, Matcuk G, Altman P, Prentice J, Phillips J,
XX Ly N, Woodward R, Queternous T, Johnson F;
XX
XX MPI; 2002-636525/68.
XX
XX New system for leukocyte expression profiling, diagnosing a disease, or
XX monitoring (the rate of) progression of a disease, e.g. atherosclerosis
XX or congestive heart failure, comprises diagnostic oligonucleotides.
XX
XX Claim 1; Page 583; Opp; English.
XX
XX The invention relates to a system for detecting gene expression, which
XX comprises one or two isolated DNA molecules that detect expression of a
XX gene, where the gene corresponds to any of 8143 oligonucleotides
XX (AB200010-AB208152) each having 50 base pairs (bp). The system is useful
XX for leukocyte expression profiling. It is particularly useful for
XX diagnosing a disease, monitoring (rate of) progression of a disease,
XX predicting therapeutic outcome, determining prognosis for a patient,
XX predicting disease complications in an individual or monitoring response
XX to treatment in an individual. The diseases include cardiac allograft
XX rejection, kidney allograft rejection, liver allograft rejection,
XX atherosclerosis, congestive heart failure, systemic lupus erythematosus,
XX rheumatoid arthritis, osteoarthritis or cytomegalovirus infection
XX
XX Sequence 50 BP; 12 A; 9 C; 18 G; 11 T; 0 U; 0 Other;
SQ
Query Match 0.9%; Score 50; DB 1; Length 50;
Best Local Similarity 100.0%; Pred. No. 0.0061;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 5131 GAATAGAGGAGCATGGAACCATTTGCTGCTGTGTCAAGGGTGAG 5180
DB 1 GAATAGAGGAGCATGGAACCATTTGCTGCTGTGTGTCAAGGGTGAG 50
RESULT 5
ADP10317
ID ADP10317 standard; DNA; 50 BP.
XX
XX
XX ADP10317;
XX
XX 12-AUG-2004 (first entry)
XX
XX 50-mer oligonucleotide marker probe of the invention #326.
XX
XX transplant rejection; immune system; rheumatoid arthritis; lupus;
XX inflammatory bowel disease; multiple sclerosis; HIV; AIDS; ss.
XX
XX Homo sapiens.
OS
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XX
XX WO2004042346-A2.
XX
XX 21-MAY-2004.
XX
XX 24-APR-2003; 2003WO-US012946.
XX
XX 24-APR-2002; 2002US-00131831.
XX
XX 20-DEC-2002; 2002US-00325899.
XX
XX (EXPR-) EXPRESSION DIAGNOSTICS INC.
XX
XX Wohlgenuth J, Fry K, Woodward R, Ly N, Prentice J, Morris M,
XX Rosenberg S;
XX
XX MPI; 2004-400724/37.
XX
XX Diagnosing or monitoring transplant rejection, e.g. heart, kidney, liver,
XX pancreas, pancreatic islet, lung, bone marrow or stem cell transplant
XX rejection, in an individual, comprises detecting the expression level of
XX the genes.
XX
XX Claim 2; SEQ ID NO 326; 1762bp; English.
XX
XX The present invention relates to diagnosing or monitoring transplant
XX rejection, e.g. cardiac or kidney transplant rejection, in an individual
XX comprising detecting the expression level of one or more genes. The
XX methods, system and kits are useful in diagnosing or monitoring
XX transplant rejection, e.g. heart, kidney, liver, pancreas, pancreatic
XX islet, lung, bone marrow or stem cell transplant rejection,
XX xenotransplant rejection or mechanical organ replacement rejection, in an
XX individual. The method is also useful in assessing the immune status of
XX an individual. The methods are also useful in diagnosing and monitoring
XX diseases that involve the immune system, e.g. rheumatoid arthritis,
XX lupus, inflammatory bowel diseases, multiple sclerosis, HIV/AIDS or
XX viral, bacterial or fungal infection. The present sequence represents a
XX 50 mer oligonucleotide marker for diagnosis and monitoring of allograft
XX rejection and other disorders.
XX
XX Sequence 50 BP; 12 A; 9 C; 18 G; 11 T; 0 U; 0 Other;
SQ
Query Match 0.9%; Score 50; DB 1; Length 50;
Best Local Similarity 100.0%; Pred. No. 0.0061;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 5131 GAATAGAGGAGCATGGAACCATTTGCTGCTGTGTCAAGGGTGAG 5180
DB 1 GAATAGAGGAGCATGGAACCATTTGCTGCTGTGTGTCAAGGGTGAG 50
RESULT 6
AAL47120
ID AAL47120 standard; DNA; 39 BP.
XX
XX
XX AAL47120;
XX
XX 20-AUG-2002 (first entry)
XX
XX Pyrin domain containing protein coding sequence PCR primer J71497.
XX
XX Pyrin domain; PYD domain; antiinflammatoxy; antiparkinsonian;
XX antiarteriosclerotic; antiporiatic; antibacterial; virucide;
XX neuroprotective; antiarthritis; antirheumatic; antiasbmaic;
XX nephrotropic; osteopathic; nocotropic; intracellular signal transduction;
XX inflammation; Alzheimer's disease; infection; psoriasis; asthma;
XX arteriosclerosis; multiple sclerosis; rheumatoid arthritis; sarcoidosis;
XX osteoarthritis; glomerulonephritis; PCR; primer; ss.
XX
XX Unidentified.
XX
XX OS
XX PN WO200240668-A2.
XX
XX 23-MAY-2002.
PD
```

XX 30-OCT-2001, 2001WO-EP012545.
PF
XX
PR 15-NOV-2000, 2000DB-01056687.
PR 30-NOV-2000, 2000DB-01059595.
XX
PA (APOT-) APOTEC RES & DEV LTD.
XX
PI Techopp J, Martinon F,
XX
XX WPI, 2002-427093/45.
XX
PT New DNA encoding protein with pyrin domain, useful for treating diseases
PT involving impaired signal transduction, particularly inflammation, also
PT proteins and antibodies.
XX
PS Example, Page 49, 116pp; German.
XX
CC The present invention relates the DNA and their encoded proteins, where
CC the proteins contain at least one PYD (pyrin) domain. These can be used
CC to treat diseases associated with impaired intracellular signal
CC transduction, particularly inflammation such as psoriasis,
CC arteriosclerosis, bacterial or viral infections (particularly meningitis
CC and pneumonia), multiple sclerosis, rheumatoid arthritis, asthma,
CC sarcoidosis, glomerulonephritis and osteoarthritis, and also Alzheimer's
CC and Parkinson's diseases. The present sequence is a PCR primer used to
CC isolate a coding sequence of the invention
XX
SQ Sequence 39 BP, 3 A, 11 C, 16 G, 9 T, 0 U, 0 Other;
XX
Query Match 0.7%; Score 39; DB 1; Length 39;
Best Local Similarity 100.0%; Pred. No. 0.28; 0; Indels 0; Gaps 0;
Matches 39; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 523 ATGGCTGGCGAGCGCTGGGGCGCGCTGGCTGTACTTG 561
DB 1 ATGGCTGGCGAGCGCTGGGGCGCGCTGGCTGTACTTG 39
XX
RESULT 7
ACC45146
ID ACC45146 standard; DNA, 33 BP.
XX
AC ACC45146;
XX
DT 16-UTN-2003 (first entry)
XX
DE Human NAC probe SEQ ID NO:6.
XX
XX Human; cytostatic; nootropic; neuroprotective; antiinflammatory;
KW antiense therapy; NAC; DEPCAP; hyperproliferative disease; apoptosis;
KW death effector filament-forming CBDA-like apoptosis protein;
KW neurological disease; infection; inflammation; tumour formation;
KW chromosome 17p13; probe; ss.
XX
XX Homo sapiens.
OS Synthetic.
OS
XX
XX WO2003024988-A1.
XX
XX 27-MAR-2003.
XX
XX 19-SEP-2002, 2002WO-US029664.
XX
XX 19-SEP-2001, 2001US-00956712.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CF, Freier SM,
XX
XX WPI, 2003-354583/33.
XX
XX New antiense compounds, useful for modulating the expression of NAC or
PT

PT for treating a disease or condition associated with the expression of
PT NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Example 13, Page 73, 147pp; English.
PS
XX
XX The present invention describes a compound (1) 8-50 nucleobases in length
CC targeted to a nucleic acid molecule encoding NAC, where the compound
CC specifically hybridises with the nucleic acid molecule encoding NAC and
CC inhibits the expression of NAC. The compound specifically hybridises with
CC at least an 8-nucleobase portion of an active site on a nucleic acid
CC molecule encoding NAC. Also described: (1) a composition comprising (1)
CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (1); and (3) treating an animal having a disease or condition associated
CC with NAC comprising administering (1) to the animal so that expression of
CC NAC is inhibited. (1) has cytostatic, nootropic, neuroprotective and
CC antiinflammatory activities, and can be used in antiense therapy. The
CC antiense compounds (1) are useful for modulating the expression of
CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC or disorder arising from aberrant apoptosis. The compounds are also
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumour formation. NAC is also known as a death effector filament-forming
CC CBDA-like apoptosis protein (DEPCAP). NAC is located on human chromosome
CC 17p13. The present sequence represents a probe for human NAC, which is
CC used in an example from the present invention
XX
SQ Sequence 33 BP, 10 A, 10 C, 6 G, 7 T, 0 U, 0 Other;
XX
Query Match 0.6%; Score 33; DB 1; Length 33;
Best Local Similarity 100.0%; Pred. No. 2.2; 0; Indels 0; Gaps 0;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 1486 CTGGATACCCAGAGACCTGCGATGTCATCTG 1518
DB 1 CTGGATACCCAGAGACCTGCGATGTCATCTG 33
XX
RESULT 8
AAL47122/C
ID AAL47122 standard; DNA, 30 BP.
XX
AC AAL47122;
XX
DT 20-AUG-2002 (first entry)
XX
DE Pyrin domain containing protein coding sequence PCR primer JTI500.
XX
XX Pyrin domain; PYD domain; antiinflammatory; antiparkinsonian;
KW antiarteriosclerotic; antipsoriatic; antibacterial; vituicide;
KW neuroprotective; antiarthritic; antirheumatic; antiasthmatic;
KW nephrotropic; osteopahic; nootropic; intracellular signal transduction;
KW inflammation; Alzheimer's disease; infection; psoriasis; asthma;
KW arteriosclerosis; multiple sclerosis; rheumatoid arthritis; sarcoidosis;
KW osteoarthritis; glomerulonephritis; PCR; primer; ss.
XX
XX Unidentified.
OS
XX
XX WO200240668-A2.
XX
XX 23-MAY-2002.
XX
XX 30-OCT-2001, 2001WO-EP012545.
XX
XX 15-NOV-2000, 2000DB-01056687.
XX
XX 30-NOV-2000, 2000DB-01059595.
XX
XX (APOT-) APOTEC RES & DEV LTD.
XX
XX Techopp J, Martinon F,
XX
XX WPI, 2002-427093/45.
XX
XX

```

XX New DNA encoding protein with pyrin domain, useful for treating diseases
PT involving impaired signal transduction, particularly inflammation, also
XX proteins and antibodies.
XX Example; Page 49; 116pp; German.
XX
XX The present invention relates the DNA and their encoded proteins, where
CC the proteins contain at least one PYD (pyrin) domain. These can be used
CC to treat diseases associated with impaired intracellular signal
CC transduction, particularly inflammation such as psoriasis,
CC arteriosclerosis, bacterial or viral infections (particularly meningitis
CC and pneumonia), multiple sclerosis, rheumatoid arthritis, asthma,
CC sarcoidosis, glomerulonephritis and osteoarthritis, and also Alzheimer's
CC and Parkinson's diseases. The present sequence is a PCR primer used to
CC isolate a coding sequence of the invention
XX
SQ Sequence 30 BP; 6 A; 5 C; 11 G; 8 T; 0 U; 0 Other;
Query Match 0.6%; Score 30; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 6.3;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
OY 4792 CTCCTGCCACTCAGCGCTGAAGTATCAAC 4821
DB 30 CTCCTGCCACTCAGCGCTGAAGTATCAAC 1
RESULT 9
AAZ45963
ID AAZ45963 standard; RNA; 32 BP.
AC AAZ45963;
XX
XX 25-APR-2000 (first entry)
DE Nucleotide sequence of a general hammerhead ribozyme substrate.
XX
XX Ribozyme; presentin 2; presentinase; presentin 1; neuronal cell death;
XX amyloid beta deposition; amyloid plaque; autophagolysosomal cleavage;
XX gamma-secretase; neurodegenerative disease; Alzheimer's disease;
XX familial Alzheimer's disease; ss.
XX
XX Synthetic.
XX
XX Key Location/Qualifiers
XX FH misc_binding 3..13
XX FT /tag= a
XX FT /note= "these nucleotides bind to nucleotides 35-45 of
XX FT the ribozyme given in AAZ45964"
XX FT 15..26
XX FT /tag= b
XX FT /note= "these nucleotides bind to nucleotides 1-12 of the
XX FT ribozyme given in AAZ45964"
XX FT
XX PN WO200003004-A2.
XX
XX 20-JAN-2000.
XX
XX PF 08-JUL-1999; 99WO-EP004804.
XX
XX PF 09-JUL-1998; 98BP-00112653.
XX PR 25-MAR-1999; 99US-0126200P.
XX
XX (BOEH ) BOEHRINGER INGELHEIM PHARMA KG.
XX
XX Fechteler K, Mendla K, Sauer N;
XX
XX WPI; 2000-147613/13.
XX
XX New agents capable of inhibiting presentin expression useful for
PT treating neurodegenerative diseases especially familial Alzheimer's
PT disease.

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XX Disclosure; Fig 1a; 68pp; English.
XX
XX AAZ45963 and AAZ45964 represent a general substrate and hammerhead
CC ribozyme, respectively. The specification describes presentin 2
CC ribozymes (see AAZ45937-59). The ribozymes are used to inhibit presentin 2
CC expression by cleaving presentin 2 mRNA. The specification also
CC describes fusion ribozymes (see AAZ45949-57), comprising a presentin 2-
CC specific ribozyme and an autocatalytic hammerhead ribozyme. The use of
CC ribozymes selectively inhibits translation of presentin gene, rather
CC than irreversibly damaging or eliminating the target gene. Structurally
CC modified ribozymes also have increased resistance to nucleases, increased
CC retention time and high efficiency at target site. By reducing the amount
CC of presentin, the ribozyme prevents neuronal cell death and reduces the
CC deposition of amyloid beta and formation of amyloid plaques. The
CC ribozymes are useful in treating neurodegenerative disease such as
CC Alzheimer's disease especially familial Alzheimer's disease
XX
XX Sequence 32 BP; 8 A; 3 C; 7 G; 0 T; 13 U; 1 Other;
Query Match 0.5%; Score 25.2; DB 1; Length 32;
Best Local Similarity 48.4%; Pred. No. 35;
Matches 15; Conservative 12; Mismatches 4; Indels 0; Gaps 0;
OY 5297 AGTATCAGCGCTCTTTAGAAATTTGCTAGC 5327
DB 2 AGUGUACAGGUGUUUUGAUAUUUGUCUAGC 32
RESULT 10
AAZ45800
ID AAZ45800 standard; RNA; 32 BP.
AC AAZ45800;
XX
XX 25-APR-2000 (first entry)
DE Nucleotide sequence of a general hammerhead ribozyme substrate.
XX
XX Ribozyme; presentin 2; presentinase; presentin 1; neuronal cell death;
XX amyloid beta deposition; amyloid plaque; autophagolysosomal cleavage;
XX gamma-secretase; neurodegenerative disease; Alzheimer's disease;
XX familial Alzheimer's disease; ss.
XX
XX Synthetic.
XX
XX Key Location/Qualifiers
XX FH misc_binding 3..13
XX FT /tag= a
XX FT /note= "these nucleotides bind to nucleotides 35-45 of
XX FT the ribozyme given in AAZ45801"
XX FT 15..26
XX FT /tag= b
XX FT /note= "these nucleotides bind to nucleotides 1-12 of the
XX FT ribozyme given in AAZ45801"
XX FT
XX PN WO200003248-A1.
XX
XX 20-JAN-2000.
XX
XX PF 08-JUL-1999; 99WO-EP004805.
XX
XX PF 09-JUL-1998; 98BP-00112688.
XX
XX (BOEH ) BOEHRINGER INGELHEIM PHARMA KG.
XX
XX Fechteler K, Haas C, Steiner H;
XX
XX WPI; 2000-147662/13.
XX
XX Identifying presentin inhibitors useful for treating neurodegenerative
PT diseases such as familial Alzheimer's disease, comprises measuring full
PT length presentin in cells.

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XX XX Disclosure; Fig 1a; 91pp; English.
PS CC
XX CC AA245800 and AA245801 represent a general substrate and hammerhead
CC ribozyme, respectively. The specification describes presentin 2
CC ribozymes (see AA245776-96). The ribozymes are used in a method for
CC reducing or eliminating presentinase activity by reducing or eliminating
CC the presentinase substrate (presentin) at the RNA level. The
CC specification also describes a method of identifying a substance (e.g. a
CC ribozyme) capable of reducing or eliminating the activity of
CC presentinase, which comprises incubating a test substance with a cell
CC expressing a protein having presentinase activity and a fusion protein
CC comprising a reporter and full length presentin 1 or 2, and measuring
CC the quantity of presentin fused to the reporter, and comparing this to a
CC control. By reducing the amount of presentin fragments, the substance
CC prevents neuronal cell death and reduces the deposition of amyloid beta
CC and formation of amyloid plaques. In addition the substance reduces or
CC eliminates the autophoretic cleavage of presentin or the activity
CC of gamma-secretase and prevents cleavage of presentin 1 and 2 into
CC endoproteolytic cleavage fragments. The method is useful for identifying
CC substances capable of reducing or eliminating presentinase activity,
CC useful in treating neurodegenerative disease such as Alzheimer's disease
CC especially familial Alzheimer's disease
XX SQ Sequence 32 BP; 8 A; 3 C; 7 G; 0 T; 13 U; 1 Other;

Query Match 0.5%; Score 25.2; DB 1; Length 32;
Best Local Similarity 48.4%; Pred. No. 35;
Matches 15; Conservative 12; Mismatches 4; Indels 0; Gaps 0;

QY 5297 AGATACAGACTCTTTAGATTGTCTAGC 5327
DB 2 AGUGUACAGGUNUUNUAGAUUUGUCUAC 32

RESULT 11
ADP12384/c
ID ADP12384 standard; DNA; 25 BP.
XX AC ADP12384;
XX 12-AUG-2004 (first entry)
XX DT Tagman probe set 2 #242.
XX DE transplanted rejection; immune system; rheumatoid arthritis; lupus;
XX KW inflammatory bowel disease; multiple sclerosis; HIV; AIDS; ss; probe.
XX OS Homo sapiens.
XX PN WO2004042346-A2.
XX PD 21-MAY-2004.
XX PF 24-APR-2003; 2003WO-US012946.
XX PR 24-APR-2002; 2002US-00131831.
XX PR 20-DEC-2002; 2002US-00325899.
XX PA (EXPR-) EXPRESSION DIAGNOSTICS INC.
XX PI Wohlgenuth J, Fry K, Woodward R, Ly N, Prentice J, Morris M;
XX PI Rosenberg S;
XX DR WPI; 2004-400724/37.
XX PT Diagnosing or monitoring transplant rejection, e.g. heart, kidney, liver,
XX PT pancreas, pancreatic islet, lung, bone marrow or stem cell transplant
XX PT rejection, in an individual, comprises detecting the expression level of
XX PT the genes.
XX PS Claim 58; SEQ ID NO 2393; 1762pp; English.
XX XX

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CC CC The present invention relates to diagnosing or monitoring transplant
CC rejection, e.g. cardiac or kidney transplant rejection, in an individual
CC comprising detecting the expression level of one or more genes. The
CC methods, system and kits are useful in diagnosing or monitoring
CC transplant rejection, e.g. heart, kidney, liver, pancreas, pancreatic
CC islet, lung, bone marrow or stem cell transplant rejection,
CC xenotransplant rejection or mechanical organ replacement rejection, in an
CC individual. The method is also useful in assessing the immune status of
CC an individual. The methods are also useful in diagnosing and monitoring
CC diseases that involve the immune system, e.g. rheumatoid arthritis,
CC lupus, inflammatory bowel disease, multiple sclerosis, HIV/AIDS or
CC viral, bacterial or fungal infection. The present sequence represents a
CC probe for a 50 mer oligonucleotide marker for diagnosis and monitoring of
CC allograft rejection and other disorders.
XX SQ Sequence 25 BP; 10 A; 8 C; 6 G; 1 T; 0 U; 0 Other;

Query Match 0.5%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 35;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4845 TGACCTTGACCTGACCTCTTGGG 4869
DB 25 TGACCTTGACCTGACCTCTTGGG 1

RESULT 12
AAF29153/c
ID AAF29153 standard; DNA; 33 BP.
XX AC AAF29153;
XX 04-APR-2001 (first entry)
XX DT PCR primer SEQ ID 24 used to amplify SRSV specific cDNA.
XX DE Small round structured virus; SRSV; food poisoning; PCR primer; ss.
XX KW Small round structured virus.
XX OS WO200079280-A1.
XX PN 28-DEC-2000.
XX PD 22-JUN-2000; 2000WO-JP004095.
XX PR 22-JUN-1999; 99JP-00175928.
XX PA (NINA-) JAPAN NAT INST INFECTIOUS DISEASES.
XX PA (DENK-) DENKA SEIKEN KK.
XX PI Takeda N, Natori K, Miyamura T, Kamata K, Sato T, Sato S;
XX PI WPI; 2001-080848/09.
XX DR Kit for the detection and typing of small round-structured virus (SRSV)
XX PT strains for investigation of food poisoning outbreaks, contains
XX PT antibodies.
XX PS Example 1; Page 75; 84pp; Japanese.
XX XX This invention relates to a kit for the detection and typing of small
XX CC round structured virus (SRSV) strains. The kit contains antibodies
XX CC directed against peptides represented in sequences AAB49700 - AAB49710,
XX CC which are each SRSV strain specific. Polynucleotide sequences AAF20141 -
XX CC AAF20151 represent cDNA encoding the strain specific proteins. The kit is
XX CC used for detecting and typing strains of SRSV in order to prevent the
XX CC spread of infection and to examine the epidemiology of outbreaks. PCR
XX CC primers AAF29152 - AAF29163 are used to amplify SRSV strain specific cDNA
XX CC sequences
XX SQ Sequence 33 BP; 0 A; 0 C; 0 G; 33 T; 0 U; 0 Other;
XX XX

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Query Match 0.4%; Score 23.4; DB 1; Length 33;
 Best Local Similarity 81.8%; Pred. No. 66;
 Matches 27; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
 QY 5393 AAAAAAATCAAAAAAGAAAAATGAAATGAAA 5425
 DB 33 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 13
 ACC45144
 ID ACC45144 standard; DNA; 23 BP.
 AC ACC45144;
 XX
 XX
 DT 16-JUN-2003 (first entry)
 XX

DE Human NAC forward PCR primer SEQ ID NO:4.

XX Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
 KW antisense therapy; NAC; DEPCAP; hyperproliferative disease; apoptosis;
 KW death effector filament-forming CED4-like apoptosis protein;
 KW neurological disease; infection; inflammation; tumour formation;
 KW chromosome 17p13; PCR primer; ss.

XX Homo sapiens.
 OS Synthetic.

XX WO2003024988-A1.

XX 27-MAR-2003.

XX 19-SEP-2002; 2002WO-US029664.

XX 19-SEP-2001; 2001US-00956712.

XX (ISIS-) ISIS PHARM INC.

XX Bennett CF, Freier SM;

XX WPI; 2003-354583/33.

PT New antisense compounds, useful for modulating the expression of NAC or
 PT for treating a disease or condition associated with the expression of
 PT NAC, e.g. hyperproliferative disease or neurological disease.

XX Example 13; Page 73; 147pp; English.

XX The present invention describes a compound (1) 8-50 nucleobases in length
 CC targeted to a nucleic acid molecule encoding NAC, where the compound
 CC specifically hybridizes with the nucleic acid molecule encoding NAC and
 CC inhibits the expression of NAC. The compound specifically hybridizes with
 CC at least an 8-nucleobase portion of an active site on a nucleic acid
 CC molecule encoding NAC. Also described: (1) a composition comprising (1)
 CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
 CC NAC in cells or tissues comprising contacting the cells or tissues with
 CC (1); and (3) treating an animal having a disease or condition associated
 CC with NAC comprising administering (1) to the animal so that expression of
 CC NAC is inhibited. (1) has cytostatic, neurotropic, neuroprotective and
 CC antiinflammatory activities, and can be used in antisense therapy. The
 CC antisense compounds (1) are useful for modulating the expression of NAC,
 CC and for treating a disease or condition associated with expression of
 CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
 CC or disorder arising from aberrant apoptosis. The compounds are also
 CC useful as research reagents and kits or for diagnostics, therapeutics
 CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
 CC tumour formation. NAC is also known as a death effector filament-forming
 CC CED4-like apoptosis protein (DEPCAP). NAC is located on human chromosome
 CC 17p13. The present sequence represents a PCR primer for human NAC, which
 CC is used in an example from the present invention
 XX Sequence 23 BP; 7 A; 2 C; 9 G; 5 T; 0 U; 0 Other;

Query Match 0.4%; Score 23; DB 1; Length 23;
 Best Local Similarity 100.0%; Pred. No. 69;
 Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1432 GTGAGAGAAATCGAGACATT 1454
 DB 1 GTGAGAGAAATCGAGACATT 23

RESULT 14
 ACF04897/c
 ID ACF04897 standard; DNA; 32 BP.
 XX
 XX
 AC ACF04897;
 XX
 XX
 DT 12-FEB-2004 (first entry)
 XX

DE Human beta-actin gene PCR primer #2.

XX Human; urine sample analysis; kidney disease; glomerulonephritis;
 KW nephrotic syndrome; diabetes; lupus; hypertension; beta-actin;
 KW acute tubular necrosis; renal cancer; PCR; primer; ss.

XX Homo sapiens.

XX WO2003082202-A2.

XX 09-OCT-2003.

XX 27-MAR-2003; 2003WO-US009389.

XX 28-MAR-2002; 2002US-00108969.

XX (UNMI) UNIV MICHIGAN.

XX Kurmit DM;

XX WPI; 2003-833515/77.

PT Detecting or diagnosing a kidney disease, e.g. renal cancer or
 PT glomerulonephritis, comprises determining the presence of expression of a
 PT podocyte gene for nephrin or proximal tubular cell gene for Indian
 PT hedgehog in a urine sample.

XX Claim 39; Page 24; 0pp; English.

XX The present invention relates to a method of detecting a kidney disease,
 CC which comprises screening a mammalian urine sample for expression of a
 CC specific gene that is present in the urine sample only when cells
 CC indicating kidney disease are present, where the concentration of
 CC detectable albumin in the urine sample has a range of 0-30 mg/dl. The
 CC method is useful for detecting or diagnosing a kidney disease or
 CC disorders associated with e.g. glomerulonephritis, nephritic syndrome,
 CC diabetes, lupus, hypertension, acute tubular necrosis, renal obstructive
 CC disorders, renal cancer, and other diseases or symptoms. The podocyte
 CC gene for nephrin or the proximal tubular cell gene for Indian hedgehog is
 CC useful as selectable markers for a kidney disease. The present sequence
 CC is a PCR primer used to detect the human beta-actin gene
 XX

XX Sequence 32 BP; 2 A; 0 C; 1 G; 29 T; 0 U; 0 Other;

Query Match 0.4%; Score 23; DB 1; Length 32;
 Best Local Similarity 83.9%; Pred. No. 75;
 Matches 26; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5391 TTTAAAAAATCAAAAAAGAAAAATGAAA 5421
 DB 31 TTTAAAAAATCAAAAAAGAAAAATGAAA 1

RESULT 15
 AD081070/c
 ID AD081070 standard; DNA; 31 BP.


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XX AC ADO81070;
XX XX
XX DT 29-JUL-2004 (first entry)
XX XX
XX DE Cow prion protein microsatellite locus primer #82.
XX XX
XX KM Gene typing; polymorphic microsatellite loci; PMU;
XX KM disease predisposition; microsatellite marker; prion disease;
XX KM cystic fibrosis; malignant hyperthermia syndrome; metabolic disease;
XX KM milk protein; hormone; transcription factor; pT7-blue-vector; cow;
XX KM microsatellite; PCR; primer; ss.
XX OS
XX OS Bos taurus.
XX PN DE10236711-A1.
XX PD 26-FEB-2004.
XX PF 09-AUG-2002; 2002DE-01036711.
XX PR 09-AUG-2002; 2002DE-01036711.
XX XX
XX PA (UYHO-) UNIV HOHENHEIM.
XX PI Geldermann H, Preuss S, Han Y;
XX XX WPI; 2004-215730/21.
XX DR
XX XX
XX PT Typing genes that contain polymorphic microsatellite loci, useful for
XX PT identifying predisposition to disease, by amplification and determining
XX PT length of amplicons.
XX XX
XX PS Example 3; Page 28; 64pp; German.
XX XX
XX CC The invention describes a method of typing (M1) a gene (I) that has one
XX CC or more polymorphic microsatellite loci (PMU). The method comprises: PCR
XX CC amplification of at least one DNA region of (I) that includes PMU, using
XX CC as template a DNA sample containing at least one segment of (I); and
XX CC determining the length of the resulting amplicon(s). Also described are:
XX CC a method of determining (M2) microsatellite markers (MM) for
XX CC predisposition to a disease, associated with a gene that includes one or
XX CC more PMU; and prediagnosis (M3) of diseases associated with gene that
XX CC include PMU. The method is used to identify microsatellite markers, in a
XX CC disease-related gene, that are associated with a predisposition to
XX CC diseases and for prediagnosis of such diseases, especially prion diseases
XX CC but also cystic fibrosis, malignant hyperthermia syndrome in pigs and
XX CC metabolic diseases; also to type genes that encode milk proteins,
XX CC hormones or transcription factors. The method is simpler, quicker and
XX CC particularly less expensive than known methods based on sequencing. This
XX CC sequence represents a primer used to genotype a region of the cow prion
XX CC protein (Prp) comprising a polymorphic microsatellite locus.
XX XX
XX SQ Sequence 31 BP; 0 A; 3 C; 0 G; 28 T; 0 U; 0 Other;
XX XX
XX Query Match 0.4%; Score 22.6; DB 1; Length 31;
XX Best Local Similarity 86.2%; Pred. No. 85;
XX Matches 25; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
XX XX
OY 5393 AAAAAATACAAAGAAAAAATGAAAA 5421
DB 30 AAAAAAAAAAAAAAAAAAGAAAGAAAA 2
XX XX
XX RESULT 16
XX AAN70278/c
XX ID AAN70278 standard; DNA; 32 BP.
XX AC AAN70278;
XX XX
XX DT 03-OCT-2002 (revised)
XX DT 26-MAY-1991 (first entry)
XX XX

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DE DE Sequence of scissile link probe MRC068 (HL).
XX XX
XX KM Hybridisation; probe; ss.
XX XX
XX OS Synthetic.
XX PN BP227976-A.
XX PD 08-JUL-1987.
XX PF 04-DEC-1986; 86BP-00116906.
XX PR 05-DEC-1985; 85US-00805279.
XX XX
XX PA (MEIO-) MEIOGENICS INC.
XX PI Duck P, Bender R, Crosby W, Robertson JG;
XX XX WPI; 1987-186567/27.
XX DR
XX XX
XX PT Synthetic nucleic acid probes - comprising two nucleic acid sequences
XX PT linked by a scissile linkage.
XX XX
XX PS Example; p29; 46pp; English.
XX XX
XX CC The patent claims a new molecule of formula (NA1)----S----(NA2)n. NA1 and
XX CC NA2 are noncomplementary nucleic acid sequences; ----S---- = a scissile
XX CC linkage; n= 1 or 1,000, which is used for the detection of specific DNA
XX CC or RNA sequences in a test soln. The scissile link probes may be PL
XX CC (Permanent Linkage to Solid Support) or HL (Hydrolyzable Linkage to Solid
XX CC Support). The differential liability of DNA and RNA may be exploited in a
XX CC heterogeneous system when the scissile linkage is an RNA molecule. In the
XX CC examples, counter probe molecules 9 through 16 were used to determine
XX CC suitable hybridisation conditions. (Updated on 03-OCT-2002 to add missing
XX CC OS field.)
XX XX
XX SQ Sequence 32 BP; 0 A; 0 C; 0 G; 24 T; 8 U; 0 Other;
XX XX
XX Query Match 0.4%; Score 22.4; DB 1; Length 32;
XX Best Local Similarity 81.2%; Pred. No. 92;
XX Matches 26; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
XX XX
OY 5393 AAAAAATACAAAGAAAAAATGAAAA 5424
DB 32 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1
XX XX
XX RESULT 17
XX AAN92244/c
XX ID AAN92244 standard; DNA; 32 BP.
XX AC AAN92244;
XX XX
XX DT 25-MAR-2003 (revised)
XX DT 31-OCT-2002 (revised)
XX DT 25-APR-1990 (first entry)
XX XX
XX DE SS probe MRC068.
XX XX
XX KM Probe MRC068; solid support; ribonuclease.
XX XX
XX OS Synthetic.
XX FH
XX FH Key Location/Qualifiers
XX FT 1..14 /tag= a
XX FT /notes="deoxyribonucleotides."
XX FT 15..22 /tag= b
XX FT /notes="ribonucleotides."
XX FT 23..32 /tag= c
XX FT /notes="deoxyribonucleotides."
XX FT

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XX XX W08910415-A.
PN XX
XX XX 02-NOV-1989.
PD XX
XX XX 29-APR-1988; 88US-00187814.
PF XX
XX XX 29-APR-1988; 88US-00187814.
PR XX
XX XX (MEIO-) MEIOGENICS INC.
PA XX
XX XX Duck P, Bender R;
PI XX
XX XX WPI; 1989-339977/46.
DR XX
XX XX Detecting target nucleic acid molecules - using excess complementary
PT nucleic acid probes and nicking to complete a cycling sequence.
XX XX
XX XX Disclosure; Page 24; 34pp; English.
PS XX
XX XX Probe WRC068 is bound by a hydrolysable linkage to a solid support at its
CC 3' end. It is used by reacting excess probe with a target nucleic acid;
CC nicking hybridised probe at least once within a predetermined sequence to
CC form 2 or more probe fragments hybridised to the target sequence, which
CC results in the probe fragments becoming hybridised to another probe; and
CC identifying probe fragments, so detecting the target sequence. The probe
CC can react with target sequence to complete a cycling sequence. Using this
CC system, sensitivity of 10 exp. -19 to 10 exp. -20 molecules of target can
CC be obtd. The probe is cleavable at the ribonucleotides by a ds RNase. eg
CC RNase H or ExoIII. (Updated on 31-OCT-2002 to add missing OS field.)
CC RNase H or ExoIII. (Updated on 25-MAR-2003 to correct PR field.)
CC
XX XX
SQ Sequence 32 BP; 0 A; 0 C; 0 G; 24 T; 8 U; 0 Other;
DB
Query Match 0.4%; Score 22.4; DB 1; Length 32;
Best Local Similarity 81.2%; Pred. No. 92;
Matches 26; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
QY 5393 AAAAAAAAAAAGAAAAATGAAATTA 5424
DB 32 AAAAAAAAAAAAAAAAAAAAAAAAAA 1
RESULT 18
ADCC3445/c
ID ADCC3445 standard; DNA; 32 BP.
XX
XX ADCC3445;
AC XX
XX 18-DEC-2003 (first entry)
DT XX
XX Template oligonucleotide #SEQ ID 2.
DE XX
XX Binding; tandem repeat; label; analyte detection; ss.
KW XX
XX Synthetic.
OS XX
XX WO2003072721-A2.
PN XX
XX 04-SEP-2003.
PD XX
XX 20-FEB-2003; 2003WO-US05301.
PF XX
XX 21-FEB-2002; 2002US-0359223P.
PR 08-MAY-2002; 2002US-0379360P.
XX
XX (DISC-) DISCOVERX INC.
PA XX
XX Wu M, Ullman E;
PI XX
XX WPI; 2003-712717/67.
DR XX
XX Detecting a label comprising employing (as the label) a reagent having a
PT

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PT 3' extendable terminus hybridized to a tandem repeat template in
PT combination with a DNA polymerase and dNTPs necessary for repetitively
XX replicating the tandem repeat.
XX
XX Example; SEQ ID NO 2; 38pp; English.
PS XX
XX The invention relates to a method for detecting a label, comprising
CC employing (as the label) a reagent having a 3' extendable terminus
CC hybridised to a tandem repeat template in combination with a DNA
CC polymerase and dNTPs necessary for repetitively replicating the tandem
CC repeat. The method involves detecting a binding event between first and
CC second binding members, employing a label to determine the occurrence of
CC the binding event. The tandem repeating units are polyT. The method of
CC the invention is useful in detecting an analyte using repetitive
CC extension along a tandem repeat. The extended nucleic acid may be used
CC for detecting a moiety, particularly involved in a binding event
CC employing a reagent. The current sequence represents a template member
CC oligonucleotide containing a polyT tandem repeat that binds to the
CC extendable oligonucleotide given in ADCC3444.
CC
XX XX
SQ Sequence 32 BP; 0 A; 0 C; 0 G; 32 T; 0 U; 0 Other;
DB
Query Match 0.4%; Score 22.4; DB 1; Length 32;
Best Local Similarity 81.2%; Pred. No. 92;
Matches 26; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
QY 5393 AAAAAAAAAAAGAAAAATGAAATTA 5424
DB 32 AAAAAAAAAAAAAAAAAAAAAAAAAA 1
RESULT 19
ACC45145/c
ID ACC45145 standard; DNA; 22 BP.
XX
XX ACC45145;
AC XX
XX 16-JUN-2003 (first entry)
DT XX
XX Human NAC reverse PCR primer SEQ ID NO:5.
DE XX
XX Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
KW antisense therapy; NAC; DBCAP; hyperproliferative disease; apoptosis;
KW death effector filament-forming CD4-like apoptosis protein;
KW neurological disease; infection; inflammation; tumour formation;
KW chromosome 17p13; PCR primer; ss.
XX
XX Homo sapiens.
OS XX
XX Synthetic.
OS XX
XX WO2003024988-A1.
PN XX
XX 27-MAR-2003.
PD XX
XX 19-SEP-2002; 2002WO-US029664.
PF XX
XX 19-SEP-2001; 2001US-00956712.
PR XX
XX (ISIS-) ISIS PHARM INC.
PA XX
XX Bennett CF, Freiler SM;
PI XX
XX WPI; 2003-354583/33.
DR XX
XX New antisense compounds, useful for modulating the expression of NAC or
PT for treating a disease or condition associated with the expression of
PT NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Example 13; Page 73; 147pp; English.
PS XX
XX The present invention describes a compound (I) 8-50 nucleobases in length
CC targeted to a nucleic acid molecule encoding NAC, where the compound
CC specifically hybridises with the nucleic acid molecule encoding NAC and

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CC inhibits the expression of NAC. The compound specifically hybridises with
CC at least an 8-nucleobase portion of an active site on a nucleic acid
CC molecule encoding NAC. Also described: (1) a composition comprising (1)
CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (1); and (3) treating an animal having a disease or condition associated
CC with NAC comprising administering (1) to the animal so that expression of
CC NAC is inhibited. (1) has cytostatic, neurotropic, neuroprotective and
CC antiinflammatory activities, and can be used in antisense therapy. The
CC antisense compound (1) are useful for modulating the expression of NAC,
CC and for treating a disease or condition associated with expression of
CC NAC, e.g., hyperproliferative disease, neurological disease, or a disease
CC or disorder arising from aberrant apoptosis. The compounds are also
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumour formation. NAC is also known as a death effector filament-forming
CC CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
CC 17p13. The present sequence represents a PCR primer for human NAC, which
CC is used in an example from the present invention
XX

SO Sequence 22 BP; 4 A; 8 C; 3 G; 7 T; 0 U; 0 Other;

Query Match 0.4%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 97;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1531 GGAAATGGGAAAGTCACACCTGG 1552

Db 22 GGAAATGGGAAAGTCACACCTGG 1

RESULT 20

AD02769/C
ID AAD02769 standard; DNA; 30 BP.

XX AAD02769;

DT 31-MAY-2001 (first entry)

XX Human NAC cDNA amplifying reverse set 2 primer.

XX Human; NB domain; nucleotide binding domain; NB-ARC and CARD; NAC;
XX caspase-associated recruitment domain; CARD; TIM-Barrel-like domain;
XX cysteine aspartyl protease; apoptosis; cytokine production;
XX cytokine receptor signalling; therapy; inflammatory disorder; sepsis;
XX fibrosis; arthritis; cancer; adenocarcinoma; leukaemia; primer; ss.

OS Homo sapiens.

XX WO200116170-A2.

XX 08-MAR-2001.

XX 01-SEP-2000; 2000MO-US024152.

XX 01-SEP-1999; 99US-00388221.

XX (BURN-) BURHAM INST.

XX Reed JC;

XX WPI; 2001-183258/18.

XX Novel nucleic acid encoding NB-ARC and caspase associated recruitment
XX domain, used to produce polypeptides for screening for modulators of
XX apoptosis.

XX Example 1; Page 86; 184pp; English.

XX The present sequence is a reverse set 2 primer used for amplifying human
XX NB-ARC and CARD containing protein (NAC) cDNA. NAC beta isoform
XX represents the NAC splice variant in which both the splice regions are
XX present in the translated polypeptide. NAC protein comprises a nucleotide

CC binding (NB) domain (also referred as NB-ARC domain), a caspase-
CC associated recruitment domain (CARD) and a TIM-Barrel-like domain. The
CC caspase, cysteine aspartyl proteases, are principal effectors of
CC apoptosis. CARD containing NAC proteins are used for screening modulators
CC that modulates apoptosis; cytokine production; cytokine receptor
CC signalling and other cellular processes. NAC can act as an immunogen for
CC the production of polyclonal and monoclonal antibodies. It can also be
CC used to diagnose and treat inflammatory disorders such as sepsis,
CC fibrosis and arthritis and cancer pathologies such as adenocarcinomas and
XX leukaemias

SO Sequence 30 BP; 10 A; 10 C; 4 G; 6 T; 0 U; 0 Other;

Query Match 0.4%; Score 22; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3891 GACCGTTGAGATTGAATCTGT 3912

Db 30 GACCGTTGAGATTGAATCTGT 9

RESULT 21

AD02768
ID AAD02768 standard; DNA; 31 BP.

XX AAD02768;

DT 31-MAY-2001 (first entry)

XX Human NAC cDNA amplifying forward set 2 primer.

XX Human; NB domain; nucleotide binding domain; NB-ARC and CARD; NAC;
XX caspase-associated recruitment domain; CARD; TIM-Barrel-like domain;
XX cysteine aspartyl protease; apoptosis; cytokine production;
XX cytokine receptor signalling; therapy; inflammatory disorder; sepsis;
XX fibrosis; arthritis; cancer; adenocarcinoma; leukaemia; primer; ss.

OS Homo sapiens.

XX WO200116170-A2.

XX 08-MAR-2001.

XX 01-SEP-2000; 2000MO-US024152.

XX 01-SEP-1999; 99US-00388221.

XX (BURN-) BURHAM INST.

XX Reed JC;

XX WPI; 2001-183258/18.

XX Novel nucleic acid encoding NB-ARC and caspase associated recruitment
XX domain, used to produce polypeptides for screening for modulators of
XX apoptosis.

XX Example 1; Page 86; 184pp; English.

XX The present sequence is a forward set 2 primer used for amplifying human
XX NB-ARC and CARD containing protein (NAC) cDNA. NAC beta isoform
XX represents the NAC splice variant in which both the splice regions are
XX present in the translated polypeptide. NAC protein comprises a nucleotide
XX binding (NB) domain (also referred as NB-ARC domain), a caspase-
XX associated recruitment domain (CARD) and a TIM-Barrel-like domain. The
XX caspase, cysteine aspartyl proteases, are principal effectors of
XX apoptosis. CARD containing NAC proteins are used for screening modulators
XX that modulates apoptosis; cytokine production; cytokine receptor
XX signalling and other cellular processes. NAC can act as an immunogen for
XX the production of polyclonal and monoclonal antibodies. It can also be
XX used to diagnose and treat inflammatory disorders such as sepsis,
XX fibrosis and arthritis and cancer pathologies such as adenocarcinomas and

```
CC Leukaemias
XX
SQ Sequence 31 BP; 8 A; 11 C; 5 G; 7 T; 0 U; 0 Other;

Query Match      0.4%; Score 22; DB 1; Length 31;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1498 GAACCTCGCATGTCATCTACTGC 1519
DB      10 GAACCTCGCATGTCATCTACTGC 31

RESULT 22
ABZ03219/c
ID ABZ03219 standard; DNA; 50 BP.
XX
XX ABZ03219;
AC
XX
XX 09-JAN-2003 (first entry)
XX
XX Human leukocyte gene expression profiling probe SEQ ID NO 3210.
DE
XX
XX T7; leukocyte; gene expression profiling; allograft rejection;
XX atherosclerosis; congestive heart failure; systemic lupus erythematosus;
XX rheumatoid arthritis; osteoarthritis; cytomegalovirus; infection; probe;
XX ss.
OS Homo sapiens.
XX
XX MO200257414-A2.
XX
XX 25-JUL-2002.
XX
XX 22-OCT-2001; 2001MO-US047856.
XX
XX 20-OCT-2000; 2000US-0241994P.
XX 08-JUN-2001; 2001US-0296764P.
XX
XX (BIOC-) BIOCARDIA INC.
XX
XX Wohlgemuth J, Fry K, Matcuk G, Altman P, Prentice J, Phillips J;
XX Ly N, Woodward R, Quettermous T, Johnson F;
XX
XX MPI; 2002-636525/68.
XX
XX New system for leukocyte expression profiling, diagnosing a disease, or
XX monitoring (the rate of) progression of a disease, e.g. atherosclerosis
XX or congestive heart failure, comprises diagnostic oligonucleotides.
XX
XX Claim 1; Page 430; 0pp; English.
XX
XX The invention relates to a system for detecting gene expression, which
XX comprises one or two isolated DNA molecules that detect expression of a
XX gene, where the gene corresponds to any of 8143 oligonucleotides
XX (ABZ00010-ABZ08152) each having 50 base pairs (bp). The system is useful
XX for leukocyte expression profiling. It is particularly useful for
XX diagnosing a disease, monitoring (rate of) progression of a disease,
XX predicting therapeutic outcome, determining prognosis for a patient,
XX predicting disease complications in an individual or monitoring response
XX to treatment in an individual. The diseases include cardiac allograft
XX rejection, kidney allograft rejection, liver allograft rejection,
XX atherosclerosis, congestive heart failure, systemic lupus erythematosus,
XX rheumatoid arthritis, osteoarthritis or cytomegalovirus infection
XX
XX Sequence 50 BP; 9 A; 11 C; 20 G; 10 T; 0 U; 0 Other;

Query Match      0.4%; Score 22; DB 1; Length 50;
Best Local Similarity 73.7%; Pred. No. 1.2e+02;
Matches 28; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY      5169 TCACAGGCTGAGCCCAAAATTGGGGCTTCAGCGTGGA 5206
DB      11 TCACAGGCTGAGCCCAAAATTGGGGCTTCAGCGTGGA 5206
```

```
DB      47 TCACAGGCTGAAACCCCAATTTGGGGCTGCACCTGTGA 10

RESULT 23
ABZ03479/c
ID ABZ03479 standard; DNA; 50 BP.
XX
XX ABZ03479;
AC
XX
XX 09-JAN-2003 (first entry)
XX
XX Human leukocyte gene expression profiling probe SEQ ID NO 3470.
DE
XX
XX T7; leukocyte; gene expression profiling; allograft rejection;
XX atherosclerosis; congestive heart failure; systemic lupus erythematosus;
XX rheumatoid arthritis; osteoarthritis; cytomegalovirus; infection; probe;
XX ss.
OS Homo sapiens.
XX
XX MO200257414-A2.
XX
XX 25-JUL-2002.
XX
XX 22-OCT-2001; 2001MO-US047856.
XX
XX 20-OCT-2000; 2000US-0241994P.
XX 08-JUN-2001; 2001US-0296764P.
XX
XX (BIOC-) BIOCARDIA INC.
XX
XX Wohlgemuth J, Fry K, Matcuk G, Altman P, Prentice J, Phillips J;
XX Ly N, Woodward R, Quettermous T, Johnson F;
XX
XX MPI; 2002-636525/68.
XX
XX New system for leukocyte expression profiling, diagnosing a disease, or
XX monitoring (the rate of) progression of a disease, e.g. atherosclerosis
XX or congestive heart failure, comprises diagnostic oligonucleotides.
XX
XX Claim 1; Page 437; 0pp; English.
XX
XX The invention relates to a system for detecting gene expression, which
XX comprises one or two isolated DNA molecules that detect expression of a
XX gene, where the gene corresponds to any of 8143 oligonucleotides
XX (ABZ00010-ABZ08152) each having 50 base pairs (bp). The system is useful
XX for leukocyte expression profiling. It is particularly useful for
XX diagnosing a disease, monitoring (rate of) progression of a disease,
XX predicting therapeutic outcome, determining prognosis for a patient,
XX predicting disease complications in an individual or monitoring response
XX to treatment in an individual. The diseases include cardiac allograft
XX rejection, kidney allograft rejection, liver allograft rejection,
XX atherosclerosis, congestive heart failure, systemic lupus erythematosus,
XX rheumatoid arthritis, osteoarthritis or cytomegalovirus infection
XX
XX Sequence 50 BP; 9 A; 11 C; 20 G; 10 T; 0 U; 0 Other;

Query Match      0.4%; Score 22; DB 1; Length 50;
Best Local Similarity 73.7%; Pred. No. 1.2e+02;
Matches 28; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY      5169 TCACAGGCTGAGCCCAAAATTGGGGCTTCAGCGTGGA 5206
DB      47 TCACAGGCTGAAACCCCAATTTGGGGCTGCACCTGTGA 10

RESULT 24
ADG76060/c
ID ADG76060 standard; DNA; 28 BP.
XX
XX ADG76060;
AC
XX
XX 11-MAR-2004 (first entry)
```

```

XX DE Non-CpG DNA oligonucleotide 61.
XX
XX KM ss; non-CpG; immunostimulatory; non-palindromic; immune response;
XX proliferation; differentiation; cytokine; antibody production; B-cell;
XX KM plasmacytoid dendritic cell; immunomodulator; gene therapy;
XX KM chronic myelogenous leukemia; melanoma; Kaposi's sarcoma;
XX KM renal cell carcinoma.
XX
XX OS Synthetic.
XX
XX PN WO2003101375-A2.
XX
XX PD 11-DEC-2003.
XX
XX PP 30-MAY-2003; 2003WO-EP005691.
XX
XX PR 30-MAY-2002; 2002CA-02388049.
XX
XX PA (IMMU-) IMMUNOTECH SA.
XX
XX PI Lopez RA;
XX
XX PS WPI; 2004-053333/05.
XX
XX PT New immunostimulatory oligonucleotide comprising non-palindromic nucleic
XX acid sequence motif, useful for inducing B-cell activation, treating,
XX preventing or ameliorating immune system disorder or tumoral disease e.g.
XX melanoma.
XX
XX PS Example 17; Page 82; 139pp; English.
XX
XX CC This invention relates to novel immunostimulatory oligonucleotides that
XX contain a non-palindromic sequence motif. Specifically, it refers to DNA
XX oligonucleotides (without a CpG motif), which can stimulate an immune
XX response in animals of the order of primate, including humans. The immune
XX response is characterised by the proliferation, differentiation, cytokine
XX and antibody production in B-cells, as well as cell differentiation and
XX cytokine production in plasmacytoid dendritic cells. The present
XX invention describes immunomodulator compositions that also comprise an
XX antigen selected from, for example, viruses, bacteria, parasites, tumour
XX cells and glycolipids. As such, these DNA oligos can be used in gene
XX therapy for inducing B-cell activation, treating, preventing or
XX ameliorating an immune system disorder or a tumoral disease including
XX chronic myelogenous leukemia, melanoma, Kaposi's sarcoma, and renal cell
XX carcinoma. This oligonucleotide sequence is a non-CpG DNA oligo of the
XX invention.
XX
XX SQ Sequence 28 BP; 1 A; 1 C; 1 G; 25 T; 0 U; 0 Other;
XX
XX Query Match 0.4%; Score 21.6; DB 1; Length 28;
XX Best Local Similarity 85.7%; Pred. No. 1.2e+02;
XX Matches 24; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
XX
XX QY 5394 AAAAAATACAAAAAGAAAAATGAAAA 5421
XX Db 28 AAAAAAAAAAAAAAAAACAAAATGAAAA 1
XX
XX RESULT 25
XX AADG75972/c
XX ID AADG75972 standard; DNA; 28 BP.
XX
XX AC AADG75972;
XX
XX DT 11-MAR-2004 (first entry)
XX
XX DE Immunostimulatory non-CpG phosphorothioate DNA oligo IMT191.
XX
XX KM ss; non-CpG; immunostimulatory; non-palindromic; immune response;
XX proliferation; differentiation; cytokine; antibody production; B-cell;
XX KM plasmacytoid dendritic cell; immunomodulator; gene therapy;
XX KM chronic myelogenous leukemia; melanoma; Kaposi's sarcoma;
XX

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XX KM renal cell carcinoma.
XX
XX OS Synthetic.
XX
XX PN WO2003101375-A2.
XX
XX PD 11-DEC-2003.
XX
XX PP 30-MAY-2003; 2003WO-EP005691.
XX
XX PR 30-MAY-2002; 2002CA-02388049.
XX
XX PA (IMMU-) IMMUNOTECH SA.
XX
XX PI Lopez RA;
XX
XX PS WPI; 2004-053333/05.
XX
XX PT New immunostimulatory oligonucleotide comprising non-palindromic nucleic
XX acid sequence motif, useful for inducing B-cell activation, treating,
XX preventing or ameliorating immune system disorder or tumoral disease e.g.
XX melanoma.
XX
XX PS Example 5; Page 70; 139pp; English.
XX
XX CC This invention relates to novel immunostimulatory oligonucleotides that
XX contain a non-palindromic sequence motif. Specifically, it refers to DNA
XX oligonucleotides (without a CpG motif), which can stimulate an immune
XX response in animals of the order of primate, including humans. The immune
XX response is characterised by the proliferation, differentiation, cytokine
XX and antibody production in B-cells, as well as cell differentiation and
XX cytokine production in plasmacytoid dendritic cells. The present
XX invention describes immunomodulator compositions that also comprise an
XX antigen selected from, for example, viruses, bacteria, parasites, tumour
XX cells and glycolipids. As such, these DNA oligos can be used in gene
XX therapy for inducing B-cell activation, treating, preventing or
XX ameliorating an immune system disorder or a tumoral disease including
XX chronic myelogenous leukemia, melanoma, Kaposi's sarcoma, and renal cell
XX carcinoma. This oligonucleotide sequence is an immunostimulatory
XX phosphorothioate non-CpG variant DNA oligo, used to determine the effect
XX of oligo size on B cell proliferation and its secretion in an
XX exemplification of the invention. NOTE: This sequence is referred to as
XX Seqid 77 in example 5 of the specification, this differs from that given
XX as Seqid 77 in claim 14.
XX
XX SQ Sequence 28 BP; 1 A; 1 C; 1 G; 25 T; 0 U; 0 Other;
XX
XX Query Match 0.4%; Score 21.6; DB 1; Length 28;
XX Best Local Similarity 85.7%; Pred. No. 1.2e+02;
XX Matches 24; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
XX
XX QY 5394 AAAAAATACAAAAAGAAAAATGAAAA 5421
XX Db 28 AAAAAAAAAAAAAAAAACAAAATGAAAA 1
XX
XX RESULT 26
XX AAD02770
XX ID AAD02770 standard; DNA; 21 BP.
XX
XX AC AAD02770;
XX
XX DT 31-MAY-2001 (first entry)
XX
XX DE Human NAC DNA amplifying forward set 3 primer.
XX
XX KM Human; NB domain; nucleotide binding domain; NB-ARC and CARD; NAC;
XX caspase-associated recruitment domain; CARD; TIM-Barrel-like domain;
XX cysteine aspartyl protease; apoptosis; cytokine production;
XX KM cytokine receptor signalling; therapy; inflammatory disorder; sepsis;
XX KM fibrosis; arthritis; cancer; adenocarcinoma; leukemia; primer; ss.
XX
XX OS Homo sapiens.
XX

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XX XX WO200116170-A2.
XX XX
XX XX 08-MAR-2001.
XX XX
XX XX 01-SEP-2000; 2000WO-US024152.
XX XX
XX XX 01-SEP-1999; 99US-00388221.
XX XX
XX XX (BURN-) BURNHAM INST.
XX XX
XX XX Reed JC;
XX XX
XX XX WPI; 2001-183258/18.
XX XX
XX XX Novel nucleic acid encoding NB-ARC and caspase associated recruitment
XX XX PT domain, used to produce polypeptides for screening for modulators of
XX XX PT apoptosis.
XX XX
XX XX Example 1; Page 86; 184pp; English.
XX XX
XX XX The present sequence is a forward set 3 primer used for amplifying human
XX XX CC NB-ARC and CARD containing protein (NAC) cDNA. NAC beta isoform
XX XX CC represents the NAC splice variant in which both the splice regions are
XX XX CC present in the translated polypeptide. NAC protein comprises a nucleotide
XX XX CC binding (NB) domain (also referred as NB-ARC domain), a caspase-
XX XX CC associated recruitment domain (CARD) and a TIM-barrel-like domain. The
XX XX CC caspases, cysteine aspartyl proteases, are principal effectors of
XX XX CC apoptosis. CARD containing NAC proteins are used for screening modulators
XX XX CC that modulates apoptosis; cytokine production, cytokine receptor
XX XX CC signaling and other cellular processes. NAC can act as an immunogen for
XX XX CC the production of polyclonal and monoclonal antibodies. It can also be
XX XX CC used to diagnose and treat inflammatory disorders such as sepsis,
XX XX CC fibrosis and arthritis and cancer pathologies such as adenocarcinomas and
XX XX CC leukaemias
XX XX
XX XX Sequence 21 BP; 6 A; 2 C; 9 G; 4 T; 0 U; 0 Other;
XX XX
XX XX Query Match 0.4%; Score 21; DB 1; Length 21;
XX XX Best Local Similarity 100.0%; Pred. No. 1.4e+02;
XX XX Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX XX
QY 3873 TGTGATGAGAGAGCGGTGAC 3893
DB 1 TGTGATGAGAGAGCGGTGAC 21
XX XX
XX XX RESULT 27
XX XX AAL47144
XX XX ID AAL47144 standard; DNA; 21 BP.
XX XX
XX XX AC AAL47144;
XX XX
XX XX 20-AUG-2002 (first entry)
XX XX
XX XX Pyrin domain containing protein coding sequence PCR primer JTI658.
XX XX
XX XX Pyrin domain; PYD domain; antiinflammatory; antiparkinsonian;
XX XX KM antiarteriosclerotic; antipsoriatic; antibacterial; virocidic;
XX XX KM neuroprotective; antiarthritic; antirheumatic; antiasthmatic;
XX XX KM nephrotropic; osteopathic; nootropic; intracellular signal transduction;
XX XX KM inflammation; Alzheimer's disease; infection; psoriasis; asthma;
XX XX KM arteriosclerosis; multiple sclerosis; rheumatoid arthritis; sarcoidosis;
XX XX KM osteoarthritis; glomerulonephritis; PCR; primer; ss.
XX XX
XX XX Unidentified.
XX XX
XX XX WO200240668-A2.
XX XX
XX XX 23-MAY-2002.
XX XX
XX XX 30-OCT-2001; 2001WO-EP012545.
XX XX

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PR 15-NOV-2000; 2000DE-01056687.
PR 30-NOV-2000; 2000DE-01059595.
XX XX
XX XX (APOT-) APOTECR RES & DEV LTD.
XX XX
XX XX Techopp J, Martinon F;
XX XX
XX XX WPI; 2002-427093/45.
XX XX
XX XX New DNA encoding protein with pyrin domain, useful for treating diseases
XX XX PT involving impaired signal transduction, particularly inflammation, also
XX XX PT proteins and antibodies.
XX XX
XX XX Example; Page 51; 116pp; German.
XX XX
XX XX The present invention relates the DNA and their encoded proteins, where
XX XX CC the proteins contain at least one PYD (pyrin) domain. These can be used
XX XX CC to treat diseases associated with impaired intracellular signal
XX XX CC transduction, particularly inflammation such as psoriasis,
XX XX CC arteriosclerosis, bacterial or viral infections (particularly meningitis
XX XX CC and pneumonia), multiple sclerosis, rheumatoid arthritis, asthma,
XX XX CC sarcoidosis, glomerulonephritis and osteoarthritis, and also Alzheimer's
XX XX CC and Parkinson's diseases. The present sequence is a PCR primer used to
XX XX CC isolate a coding sequence of the invention
XX XX
XX XX Sequence 21 BP; 7 A; 5 C; 6 G; 3 T; 0 U; 0 Other;
XX XX
XX XX Query Match 0.4%; Score 21; DB 1; Length 21;
XX XX Best Local Similarity 100.0%; Pred. No. 1.4e+02;
XX XX Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX XX
QY 3610 AAATCTCTGACGTGACGACG 3630
DB 1 AAATCTCTGACGTGACGACG 21
XX XX
XX XX RESULT 28
XX XX AAL47146
XX XX ID AAL47146 standard; DNA; 21 BP.
XX XX
XX XX AC AAL47146;
XX XX
XX XX 20-AUG-2002 (first entry)
XX XX
XX XX Pyrin domain containing protein coding sequence PCR primer #2.
XX XX
XX XX Pyrin domain; PYD domain; antiinflammatory; antiparkinsonian;
XX XX KM antiarteriosclerotic; antipsoriatic; antibacterial; virocidic;
XX XX KM neuroprotective; antiarthritic; antirheumatic; antiasthmatic;
XX XX KM nephrotropic; osteopathic; nootropic; intracellular signal transduction;
XX XX KM inflammation; Alzheimer's disease; infection; psoriasis; asthma;
XX XX KM arteriosclerosis; multiple sclerosis; rheumatoid arthritis; sarcoidosis;
XX XX KM osteoarthritis; glomerulonephritis; PCR; primer; ss.
XX XX
XX XX Unidentified.
XX XX
XX XX WO200240668-A2.
XX XX
XX XX 23-MAY-2002.
XX XX
XX XX 30-OCT-2001; 2001WO-EP012545.
XX XX
XX XX 15-NOV-2000; 2000DE-01056687.
XX XX PR 30-NOV-2000; 2000DE-01059595.
XX XX
XX XX (APOT-) APOTECR RES & DEV LTD.
XX XX
XX XX Techopp J, Martinon F;
XX XX
XX XX WPI; 2002-427093/45.
XX XX
XX XX New DNA encoding protein with pyrin domain, useful for treating diseases
XX XX PT involving impaired signal transduction, particularly inflammation, also
XX XX PT

```

PT proteins and antibodies.
 XX Example; Page 51; 116pp; German.
 CC The present invention relates the DNA and their encoded proteins, where
 CC the proteins contain at least one PYD (pyrin) domain. These can be used
 CC to treat diseases associated with impaired intracellular signal
 CC transduction, particularly inflammation such as psoriasis,
 CC arteriosclerosis, bacterial or viral infections (particularly meningitis
 CC and pneumonia), multiple sclerosis, rheumatoid arthritis, asthma,
 CC sarcoidosis, glomerulonephritis and osteoarthritis, and also Alzheimer's
 CC and Parkinson's diseases. The present sequence is a PCR primer used to
 CC isolate a coding sequence of the invention
 XX
 SQ Sequence 21 BP; 2 A; 5 C; 11 G; 3 T; 0 U; 0 Other;
 Query Match 0.4%; Score 21; DB 1; Length 21;
 Best Local Similarity 100.0%; Pred. No. 1.4e+02;
 Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 523 ATGGCTGGCGGAGCCTGGGCG 543
 DB 1 ATGGCTGGCGGAGCCTGGGCG 21
 RESULT 29
 AAQ05003/c
 ID AAQ05003 standard; DNA; 29 BP.
 AC AAQ05003;
 XX
 XX
 DT 25-MAR-2003 (revised)
 DT 31-OCT-1990 (first entry)
 XX
 XX Sequence binding to and inhibiting the GSTP1 gene.
 XX
 XX C-MYC; cancer; HIV-1; AIDS; collagenase; Alzheimers disease; EGF;
 XX epidermal growth factor; GSTP1; HMGCoA; thalassemia;
 XX Herpes simplex virus; nerve growth factor receptor; globin; ss.
 XX
 OS Synthetic.
 XX
 XX EP375408-A.
 PN 27-JUN-1990.
 PD 20-DEC-1989; 89BP-00313391.
 PF 20-DEC-1989; 89BP-00313391.
 XX
 XX 20-DEC-1988; 88US-00287359.
 PR
 XX
 XX (BAYU) BAYLOR COLLEGE MEDICINE.
 XX (HOGA/) HOGAN M E.
 PA
 PI Hogan ME, Keseler DJ;
 XX
 XX WPI; 1990-195509/26.
 DR
 XX
 XX Synthetic oligo-nucleotide(s) which bind target duplex DNA - forming co-
 PT linear triplex to control transcription process in gene-specific fashion.
 PT
 XX
 XX Claim 39; Page 30; 40pp; English.
 PS
 XX
 XX Sequence forms triplex with the double stranded target sequence with G
 CC binding to G-C and T to A-T. The strand runs 3' to 5' in an antiparallel
 CC orientation and when targeted to a specific sequence will deactivate it.
 CC This allows for growth inhibition in cancerous cells; manipulation of
 CC cellular structural protein content; inhibition of It-2 chain receptor;
 CC disheveling plaque formation in Alzheimer's disease; inhibiting EGF gene;
 CC modulating cholesterol synthesis through the HMGCoA gene; suppressing NGF
 CC gene expression; arresting HSV-1 replication and suppressing beta- globin
 CC expression in thalassemia and sickle cell anemia patients. (Updated on
 CC 25-MAR-2003 to correct PR field.) (Updated on 25-MAR-2003 to correct PA
 CC field.)

XX
 SQ Sequence 29 BP; 0 A; 0 C; 0 G; 29 T; 0 U; 0 Other;
 Query Match 0.4%; Score 21; DB 1; Length 29;
 Best Local Similarity 82.8%; Pred. No. 1.5e+02;
 Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
 QY 5393 AAAAAATCAAAAAAGAAAAATGAAA 5421
 DB 29 AAAAAATCAAAAAAGAAAAATGAAA 1
 RESULT 30
 ADO81147/c
 ID ADO81147 standard; DNA; 29 BP.
 AC ADO81147;
 XX
 XX
 DT 29-JUL-2004 (first entry)
 DT
 XX
 XX Prion protein polymorphic microsatellite marker consensus sequence #25.
 DE
 XX gene typing; polymorphic microsatellite loci; PMU;
 XX disease predisposition; microsatellite marker; prion disease;
 XX cystic fibrosis; malignant hyperthermia syndrome; metabolic disease;
 XX milk protein; hormone; transcription factor; pT-blue-vector; sheep;
 XX microsatellite; ds.
 XX
 OS Synthetic.
 XX
 XX DE10236711-A1.
 PN 26-FEB-2004.
 PD 09-AUG-2002; 2002DE-01036711.
 XX
 XX 09-AUG-2002; 2002DE-01036711.
 PF
 XX 09-AUG-2002; 2002DE-01036711.
 PR
 XX (UYHO-) UNIV HOHENHEIM.
 PA
 XX Geldermann H, Preuss S, Han Y;
 XX
 XX WPI; 2004-215730/21.
 DR
 XX
 XX Typing genes that contain polymorphic microsatellite loci, useful for
 PT identifying predisposition to disease, by amplification and determining
 PT length of amplicons.
 PT
 XX
 XX Claim 9; Page 50; 64pp; German.
 PS
 XX
 XX The invention describes a method of typing (M1) a gene (I) that has one
 CC or more polymorphic microsatellite loci (PMU). The method comprises: PCR
 CC amplification of at least one DNA region of (I) that includes PMU, using
 CC as template a DNA sample containing at least one segment of (I); and
 CC determining the length of the resulting amplicon(s). Also described are:
 CC a method of determining (M2) microsatellite markers (MM) for
 CC predisposition to a disease, associated with a gene that includes one or
 CC more PMU; and predisposition (M3) of diseases associated with gene that
 CC include PMU. The method is used to identify microsatellite markers, in a
 CC disease-related gene, that are associated with a predisposition to
 CC diseases and for prediagnosis of such diseases, especially prion diseases
 CC but also cystic fibrosis, malignant hyperthermia syndrome in pigs and
 CC metabolic diseases; also to type genes that encode milk proteins,
 CC hormones or transcription factors. The method is simpler, quicker and
 CC particularly less expensive than known methods based on sequencing. This
 CC sequence represents a prion protein polymorphic microsatellite marker
 CC consensus sequence.
 CC
 XX
 SQ Sequence 29 BP; 0 A; 0 C; 0 G; 29 T; 0 U; 0 Other;
 Query Match 0.4%; Score 21; DB 1; Length 29;
 Best Local Similarity 82.8%; Pred. No. 1.5e+02;
 Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

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Qy      5393 AAAAAAAAAACAAAAAGAAAAATGAAA 5421
Db      29 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 31
ID      AAN70277/c
XX      AAN70277 standard; DNA; 30 BP.
AC      AAN70277;
DT      03-OCT-2002 (revised)
DT      26-MAY-1991 (first entry)
XX      Sequence of scissile link probe MRC064 (HL).
XX      Hybridisation; probe; ss.
XX      Synthetic.
XX      EP227976-A.
XX      08-JUL-1987.
XX      04-DEC-1986; 86EP-00116906.
XX      05-DEC-1985; 85US-00805279.
XX      (MEIO-) MEIOGENICS INC.
XX      Duck P, Bender R, Crosby W, Robertson JG;
XX      WPI; 1987-186567/27.
XX      Synthetic nucleic acid probes - comprising two nucleic acid sequences
XX      linked by a scissile linkage.
XX      Example; p29; 46pp; English.
XX      The patent claims a new molecule of formula (NA1----S----NA2)n. NA1 and
XX      NA2 are noncomplementary nucleic acid sequences; ---S--- = a scissile
XX      linkage; n=1 or 1,000, which is used for the detection of specific DNA
XX      or RNA sequences in a test soln. The scissile link probes may be PL
XX      (Permanent Linkage to Solid Support) or HL (Hydrolysable Linkage to Solid
XX      Support). The differential lability of DNA and RNA may be exploited in a
XX      heterogeneous system when the scissile linkage is an RNA molecule. In the
XX      examples, counter probe molecules 9 through 16 were used to determine
XX      suitable hybridisation conditions. (Updated on 03-OCT-2002 to add missing
XX      OS field.)
SQ      Sequence 30 BP; 0 A; 0 C; 0 G; 22 T; 8 U; 0 Other;

Query Match      0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred.No.1.5e+02;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy      5393 AAAAAAAAAACAAAAAGAAAAATGAAA 5421
Db      30 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 32
ID      AAN92243/c
XX      AAN92243 standard; DNA; 30 BP.
AC      AAN92243;
XX      25-MAR-2003 (revised)
XX      31-OCT-2002 (revised)
DT      25-APR-1990 (first entry)
XX      SS probe MRC064.

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```

XX      Probe MRC064; solid support; ribonuclease.
XX      Synthetic.
XX      Key
XX      misc_feature      Location/Qualifiers
XX      FT      1..12
XX      FT      /tag= a
XX      FT      /note= "deoxyribonucleotides."
XX      FT      13..20
XX      FT      /tag= b
XX      FT      /note= "ribonucleotides."
XX      FT      misc_feature      21..30
XX      FT      /tag= c
XX      FT      /note= "deoxyribonucleotides."
XX      PN      WO8910415-A.
XX      PD      02-NOV-1989.
XX      PF      29-APR-1988; 88US-00187814.
XX      PR      29-APR-1988; 88US-00187814.
XX      PA      (MEIO-) MEIOGENICS INC.
XX      PI      Duck P, Bender R;
XX      DR      WPI; 1989-339977/46.
XX      PT      Detecting target nucleic acid molecules - using excess complementary
XX      PT      nucleic acid probes and nicking to complete a cycling sequence.
XX      PS      Disclosure; Page 24; 34pp; English.
XX      CC      Probe MRC064 is bound by a hydrolysable linkage to a solid support at its
XX      CC      3' end. It is used by reacting excess probe with a target nucleic acid;
XX      CC      nicking hybridised probe at least once within a predetermined sequence to
XX      CC      form 2 or more probe fragments hybridised to the target sequence, which
XX      CC      results in the probe fragments becoming hybridised to another probe; and
XX      CC      identifying probe fragments, so detecting the target sequence. The probe
XX      CC      can react with target sequence to complete a cycling sequence. Using this
XX      CC      system, sensitivity of 10 exp. -19 to 10 exp. -20 molecules of target can
XX      CC      be obcd. The probe is cleavable at the ribonucleotides by a ds RNase, eg
XX      CC      RNase H or ExoIII. (Updated on 31-OCT-2002 to add missing OS field.)
XX      CC      (Updated on 25-MAR-2003 to correct PR field.)
SQ      Sequence 30 BP; 0 A; 0 C; 0 G; 22 T; 8 U; 0 Other;

Query Match      0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred.No.1.5e+02;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy      5393 AAAAAAAAAACAAAAAGAAAAATGAAA 5421
Db      30 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 33
ID      AAQ36302/c
XX      AAQ36302 standard; DNA; 30 BP.
AC      AAQ36302;
XX      25-MAR-2003 (revised)
XX      07-JUN-1993 (first entry)
XX      GSTanti, for GSTpi gene target sequence.
XX      Glutathione-S-transferase pi; cancer; drug resistance; chemotherapy;
XX      sensitisation; triplex; target; duplex; ss.
XX      Synthetic.

```



```

XX US5176996-A.
PN
PT
XX
XX
PD 05-JAN-1993.
XX
XX 22-DEC-1989; 89US-00453532.
XX
XX 20-DEC-1988; 88US-00287359.
XX
XX (BAYU ) BAYLOR COLLEGE MEDICINE.
XX
XX Hogan ME, Kessler DJ,
XX
XX WPI; 1993-035718/04.
XX
XX Synthetic oligo-nucleotide(s), prodn. useful e.g. for HIV-1 inhibition -
PT which bind to target sequence in duplex DNA forming colinear triplex by
PT binding to major groove.
XX
XX Example 8; Col 27; 29pp; English.
XX
XX Overexpression of the enzyme glutathione-S-transferase pi has been
CC implicated as being responsible for the broad range drug resistance which
CC develops in a variety of cancers. Expression of the gene may be prevented
CC by the formation of a triplex between the duplex target DNA sequence and
CC an anti parallel or parallel synthetic oligonucleotide. A suitable target
CC sequence is that from base -499 to -410 of GSTpi, an unusual repetitive
CC DNA segment within the control domain. Oligonucleotides targeted against
CC this sequence will repress GSTpi transcription. See also AAQ36219-362.
CC (Updated on 25-MAR-2003 to correct PF field.)
XX
XX Sequence 30 BP; 0 A; 0 C; 0 G; 30 T; 0 U; 0 Other;
SQ
XX
XX Query Match 0.4%; Score 21; DB 1; Length 30;
XX Best Local Similarity 82.8%; Pred. No. 1.5e+02;
XX Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
XX
XX 5393 AAAAAATTCAAAAAGAAAAATGAAA 5421
DB ||||| ||||| ||||| ||||| |||||
30 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2
XX
XX RESULT 34
XX AAQ36301/C
XX ID AAQ36301 standard; DNA; 30 BP.
XX
XX AAQ36301;
XX
XX 25-MAR-2003 (revised)
XX DT 07-JUN-1993 (first entry)
XX
XX GST3par, for GSTpi gene target sequence.
XX
XX Glutathione-S-transferase pi; cancer; drug resistance; chemotherapy;
XX sensitization; triplex; target; duplex; ss.
XX
XX Synthetic.
XX
XX US5176996-A.
XX
XX 05-JAN-1993.
XX
XX 22-DEC-1989; 89US-00453532.
XX
XX 20-DEC-1988; 88US-00287359.
XX
XX (BAYU ) BAYLOR COLLEGE MEDICINE.
XX
XX Hogan ME, Kessler DJ,
XX
XX WPI; 1993-035718/04.
XX
XX Synthetic oligo-nucleotide(s), prodn. useful e.g. for HIV-1 inhibition -
PT

```

```

PT which bind to target sequence in duplex DNA forming colinear triplex by
PT binding to major groove.
XX
XX Example 8; Col 27; 29pp; English.
XX
XX Overexpression of the enzyme glutathione-S-transferase pi has been
CC implicated as being responsible for the broad range drug resistance which
CC develops in a variety of cancers. Expression of the gene may be prevented
CC by the formation of a triplex between the duplex target DNA sequence and
CC an anti parallel or parallel synthetic oligonucleotide. A suitable target
CC sequence is that from base -499 to -410 of GSTpi, an unusual repetitive
CC DNA segment within the control domain. Oligonucleotides targeted against
CC this sequence will repress GSTpi transcription. See also AAQ36219-362.
CC (Updated on 25-MAR-2003 to correct PF field.)
XX
XX Sequence 30 BP; 0 A; 0 C; 0 G; 30 T; 0 U; 0 Other;
SQ
XX
XX Query Match 0.4%; Score 21; DB 1; Length 30;
XX Best Local Similarity 82.8%; Pred. No. 1.5e+02;
XX Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
XX
XX 5393 AAAAAATTCAAAAAGAAAAATGAAA 5421
DB ||||| ||||| ||||| ||||| |||||
30 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2
XX
XX RESULT 35
XX AAX57020/C
XX ID AAX57020 standard; DNA; 30 BP.
XX
XX AAX57020;
XX
XX 19-JUL-1999 (first entry)
XX
XX WO9923258 oligonucleotide primer 2.
XX
XX Visual; nucleic acid detection; target; hybridization; probe; primer;
XX agglutination; bridging molecule; ss.
XX
XX Synthetic.
XX
XX WO9923258-A1.
XX
XX 14-MAY-1999.
XX
XX 30-OCT-1998; 98WO-US023267.
XX
XX 31-OCT-1997; 97US-0063969P.
XX
XX (GENP-) GEN-PROBE INC.
XX
XX Weisburg WG, Stull PD, Reshatoef MR;
XX
XX WPI; 1999-326994/27.
XX
XX Optical detection of hybridization complexes for specific target nucleic
XX acid sequences.
XX
XX Example 1; Page 40; 46pp; English.
XX
XX This invention describes a novel method for the visual detection of
XX target nucleic acid presence in a sample. A preferred target is a
XX Mycobacterium complex nucleic acid sequence. The detection method uses
XX visual detection of a change in the hybridization without aid of
XX instrumentation. Multiple copies of a target nucleic acid sequence are
XX mixed with first and second detectable probes under hybridizing
XX conditions favouring particle agglutination via a bridging molecule
XX allowing for visual detection of the target nucleic acid sequence. The
XX bridging molecule enhances or inhibits formation of a hybridization
XX complex
XX
XX Sequence 30 BP; 0 A; 0 C; 0 G; 30 T; 0 U; 0 Other;
SQ

```

```

Query Match      0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 1.5e+02;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5393 AAAAAAATTCAGAAAAAGAAAAATGAAA 5421
      ||||| ||||| ||||| ||||| |||||
Db 30 AAAAAAAAAAAAAAAAAAAAAAAAAA 2

```

XX	Sequence 30 BP; 30 A; 0 C; 0 G; 0 T; 0 U; 0 Other;
CC	present response may have a phosphorothioate backbone
CC	Tl2 to a Th1 immune response and to activate immune cells. Note: the
CC	immune deficiency. The present sequence can also be used to redirect a
CC	also useful for preventing cancer, asthma, infectious disease, allergy or
CC	Staphylococcus), fungal antigens and/or parasitic antigens. The method is
CC	haemophilus, campylobacter, clostridium, Bactericidia coli and/or
CC	and/or orthomyxoviridae), bacterial antigens (e.g. toxoplasma,
CC	against tumour antigens, viral antigens (e.g. herpesviridae, retroviridae
CC	(py-rich) or thymidine (T) rich. The method is used to vaccinate subjects
CC	nucleic acid. The immunostimulatory nucleic acids can be pyrimidine rich
CC	immune response. The present sequence is one such immunostimulatory
CC	acid to a non-toxic subject in sufficient quantity to stimulate an
CC	response. The method comprises administering an immunostimulatory nucleic
CC	The present invention relates to a method for stimulating an immune
Example 6; Page 60; 338pp; English.	
Vaccinating against tumors, infectious diseases, allergies and asthma	
using immunostimulatory Py-rich and Tg nucleic acids.	
WPI; 2001-273485/28.	
Rieg AM, Schetter C, Vollmer J;	
(COLE-) COLEY PHARM GMBH.	
(IOWA) UNIV IOWA RES FOUND.	
23-AUG-2000; 2000US-0227436P.	
PR 27-SEP-1999; 99US-0156135P.	
PR 25-SEP-1999; 99US-0156113P.	
PF 25-SEP-2000; 2000MO-US026383.	
PD 05-APR-2001.	
PN WO200122972-A2.	
OS Synthetic.	
XX infectious disease; allergy, immune deficiency, phosphorothioate; ss.	
KM fungal infection; parasitic infection; cancer; asthma;	
KW immunostimulatory; tumour; viral infection; bacterial infection;	
KW Vaccine; cytotoxic; virucidal, bactericidal; fungicidal; anti-parasitic;	
DB Immunostimulatory nucleic acid #1005.	
12-JUN-2001 (first entry)	
AAFP9889;	
ID AAFP9889 standard; DNA; 30 BP.	
AAF99889	
RESULT 36	

[illegible]

AA	RESULT 37
AF	AAF99888/c
ID	AAF99888 standard; DNA; 30 BP.
XX	
AC	AAF99888;
XX	
XX	10 MAY 2003 (EJ-ent. 2003)

XX	Immunostimulatory nucleic acid #1004.
DE	
KW	Vaccine; cytotoxic; virucidal; bactericidal; fungicidal; anti-parasitic;
KW	immunostimulatory; tumour; viral infection; bacterial infection;
KW	fungal infection; parasitic infection; cancer; asthma; allergy
KW	infectious disease; allergy; immune deficiency; phosphorothioate; ss.
XX	
OS	Synthetic.
XX	
PN	WO200122972-A2.
PD	
XX	05-APR-2001.
XX	
PF	25-SEP-2000; 2000WO-US026383.
XX	
PR	25-SEP-1999; 99US-0156113P.
XX	27-SEP-1999; 99US-0156135P.
PR	23-AUG-2000; 2000US-0227436P.
XX	
PA	(IOWA) UNIV IOWA RES FOUND.
PA	(COLB-) COLEY PHARM GMBH.
XX	
PI	Krieg AM, Schetter C, Vollmer U;
XX	
XX	WPI; 2001-273485/28.
DR	
PT	Vaccinating against tumors, infectious diseases, allergies and asthma
XX	using immunostimulatory Py-rich and Tg nucleic acids.
XX	
PS	Example 6; Page 60; 338pp; English.
XX	
CC	The present invention relates to a method for stimulating an immune
CC	response. The method comprises administering an immunostimulatory nucleic
CC	acid to a non-podent subject in sufficient quantity to stimulate an
CC	immune response. The present sequence is one such immunostimulatory
CC	nucleic acid. The immunostimulatory nucleic acids can be pyrimidine rich
CC	(py-rich) or thymidine (T) rich. The method is used to vaccinate subjects
CC	against tumour antigens, viral antigens (e.g. herpesviridae, retroviridae
CC	and/or orthomyxoviridae), bacterial antigens (e.g. toxoplasma,
CC	haemophilus, campylobacter, clostridium, Escherichia coli and/or
CC	staphylococcus), fungal antigens and/or parasitic antigens. The method is
CC	also useful for preventing cancer, asthma, infectious disease, allergy or
CC	immune deficiency. The present sequence can also be used to redirect a
CC	Th2 to a Th1 immune response and to activate immune cells. Note: the
CC	present sequence may have a phosphorothioate backbone
XX	
XX	Sequence 30 BP; 0 A; 0 C; 0 G; 30 T; 0 U; 0 Other;

```

Query Match      0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 1.5e+02;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Oy 5393 AAAAAAAAAACAAAAAAGAAAAATGAAAA 5421
    ||||| ||||| ||||| ||||| |||||
Db 30 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 38
AADD02771/c
ID AADD02771 standard; DNA; 30 BP.
XX
XX AADD02771;
AC
XX 31-MAY-2001 (first entry)
XT

```

```

XX  Human NAC CDNA amplifying reverse set 3 primer.
DB
XX
XX  Human, NB domain; nucleotide binding domain; NB-ARC and CARD; NAC;
XX  caspase-associated recruitment domain; CARD; TIM-Barrel-like domain;
XX  cysteine aspartyl protease; apoptosis; cytokine production;
XX  cytokine receptor signaling; therapy; inflammatory disorder; sepsis;
XX  fibrosis; arthritis; cancer; adenocarcinoma; leukemia; primer: 98.
XX
XX  Homo sapiens.
XX
XX  W0200116170-A2.
XX
XX  08-MAR-2001.
XX
XX  01-SEP-2000; 2000MO-US024152.
XX
XX  01-SEP-1999; 99US-00388221.
XX
XX  (BURN-) BURHAM INST.
XX
XX  Reed JC;
XX
XX  WPI; 2001-183258/18.
XX
XX  Novel nucleic acid encoding NB-ARC and caspase associated recruitment
XX  domain, used to produce polypeptides for screening for modulators of
XX  apoptosis.
XX
XX  Example 1; Page 86; 184pp; English.
XX
XX  The present sequence is a reverse set 3 primer used for amplifying human
XX  NB-ARC and CARD containing protein (NAC) CDNA. NAC beta isoform
XX  represents the NAC splice variant in which both the splice regions are
XX  present in the translated polypeptide. NAC protein comprises a nucleotide
XX  binding (NB) domain (also referred as NB-ARC domain); a caspase-
XX  associated recruitment domain (CARD) and a TIM-Barrel-like domain. The
XX  caspases, cysteine aspartyl proteases, are principal effectors of
XX  apoptosis. CARD containing NAC proteins are used for screening modulators
XX  that modulates apoptosis, cytokine production, cytokine receptor
XX  signaling and other cellular processes. NAC can act as an immunogen for
XX  the production of polyclonal and monoclonal antibodies. It can also be
XX  used to diagnose and treat inflammatory disorders such as sepsis,
XX  fibrosis and arthritis and cancer pathologies such as adenocarcinomas and
XX  leukemias
XX
XX  Sequence 30 BP; 10 A; 9 C; 9 G; 2 T; 0 U; 0 Other;
SQ
XX
XX  Query Match 0.4%; Score 21; DB 1; Length 30;
XX  Best Local Similarity 100.0%; Pred. No. 1.5e+02;
XX  Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4847 GCTTTGCTGACCCCTCTTTG 4867
DB 30 GCTTTGCTGACCCCTCTTTG 10
XX
XX  RESULT 39
XX  ABLK10416
XX  ABLK10416 standard; DNA; 30 BP.
XX
XX  ABLK10416;
AC
XX  21-MAY-2002 (first entry)
XX
XX  Synthetic primer sequence 5'-A30-3'.
XX
XX  98; 5'-A30-3'; double stranded DNA generation; promiscuous base;
XX  target molecule; primer.
XX
XX  Synthetic.
XX
XX  US6326143-B1.
XX

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XX  04-DEC-2001.
XX
XX  22-MAY-1998; 98US-00083123.
XX
XX  22-NOV-1996; 96MO-EP005149.
XX
XX  (HOFF ) ROCHER DIAGNOSTICS GMBH.
XX
XX  Orum H, Seeger C;
XX
XX  WPI; 2002-214947/27.
XX
XX  Determining an analyte in a sample, for generating multiple double
XX  stranded nucleic acids, comprises employing a single primer sequence with
XX  a nucleobase sequence having affinity to the sequence contained in a
XX  target nucleic acid.
XX
XX  Example 1; Col 14; 25pp; English.
XX
XX  The invention relates to determining an analyte in a sample comprising
XX  (a) providing a target nucleic acid comprising a region A, a nucleobase
XX  sequence B, and a sequence I linked to the 5' terminus of the nucleobase
XX  sequence B, where the nucleobase sequence B is not specific for the
XX  analyte, and the region A specifically binds to the analyte, (b) binding
XX  the target nucleic acid to the analyte, separating the analyte bound to
XX  the target nucleic acid from the remaining part of the sample, (d)
XX  hybridizing a primer to the target nucleic acid, where the primer
XX  comprises a nucleobase sequence B', and the nucleobase sequence B'
XX  hybridizes to the nucleobase sequence B, (e) elongating the hybridised
XX  primer to produce an elongation product B using the target nucleic acid
XX  as a template and using nucleotides, where at least 30 % of the
XX  nucleotides contain at least one promiscuous base which is capable of
XX  base pairing with each of adenine, guanine, cytosine, and thymine, (f)
XX  separating the target nucleic acid from the elongation product B, (g)
XX  hybridizing a further primer which comprises the nucleobase sequence B'
XX  to the elongation product B, where the elongation product B is capable of
XX  acting as a template for the elongation of the further primer, (h)
XX  elongating the hybridised further primer of step (g) to produce an
XX  elongation product B' using the elongation product B as a template and
XX  using nucleotides, where at least 30 % of the nucleotides contain at
XX  least one promiscuous base, (i) separating the elongation product B from
XX  the elongation product B', (j) hybridizing a further primer comprising a
XX  nucleobase sequence B' to the target nucleic acid or the elongation
XX  product B, (k) elongating the further primer of step (j) to produce
XX  another elongation product B using the target nucleic acid or elongation
XX  product B as a template and using nucleotides, where at least 30 % of the
XX  nucleotides contain at least one promiscuous base, (l) separating product
XX  B of step (k) from the target nucleic acid or elongation product B, (m)
XX  optionally repeating steps (g) - (l) a sufficient number of times to
XX  generate a desired amount of double stranded nucleic acids and (n)
XX  determining the elongation product B and/or elongation product B' as a
XX  measure of the presence or amount of the analyte, where the lengths of
XX  the sequence I and the nucleobase sequence B are chosen such that, when
XX  the further primer hybridises to the elongation product B in step (g),
XX  the further primer spans a sequence formed by elongation of the
XX  hybridised primer of step (e) and overlaps at least a part of the 3'
XX  region of the hybridized primer of step (e) by an overlap length. The
XX  method is useful for determining an analyte in a sample. In particular, the
XX  method is useful for generating multiple double stranded nucleic acids.
XX  The present sequence is a primer molecule used to exemplify the method of
XX  the invention
XX
XX  Sequence 30 BP; 30 A; 0 C; 0 G; 0 T; 0 U; 0 Other;
SQ
XX
XX  Query Match 0.4%; Score 21; DB 1; Length 30;
XX  Best Local Similarity 82.8%; Pred. No. 1.5e+02;
XX  Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 5393 AAAAAATTCAGAAAAAGAAAAATGAAA 5421
DB 1 AAAAAATTCAGAAAAAGAAAAATGAAA 29
XX

```

RESULT 40
ABK10412/c
ID ABK10412 standard; DNA; 30 BP.
XX
XX ABK10412;
AC
XX 21-MAY-2002 (first entry)
DT
XX
XX Synthetic primer sequence 5'-T30-3'.
DE
XX
XX ss; 5'-T30-3'; double stranded DNA generation; promiscuous base;
KM target molecule; primer.
XX
XX Synthetic.
OS
XX
XX US6326143-B1.
PN
XX
XX 04-DEC-2001.
PD
XX
XX 22-MAY-1998; 98US-00083123.
PF
XX
XX 22-NOV-1996; 96WO-EP005149.
PR
XX
XX (HOPE) ROCHE DIAGNOSTICS GMBH.
PA
XX
XX Orum H, Seeger C;
PI
XX
XX MPI; 2002-214947/27.
DR
XX
XX Determining an analyte in a sample, for generating multiple double
PT stranded nucleic acids, comprises employing a single primer sequence with
PT a nucleobase sequence having affinity to the sequence contained in a
PT target nucleic acid.
XX
XX Example 1; Col 14; 25pp; English.
PS
XX
XX The invention relates to determining an analyte in a sample comprising
CC (a) providing a target nucleic acid comprising a region A, a nucleobase
CC sequence B, and a sequence I linked to the 5' terminus of the nucleobase
CC sequence B, where the nucleobase sequence B is not specific for the
CC analyte, and the region A specifically binds to the analyte, (b) binding
CC the target nucleic acid to the analyte, separating the analyte bound to
CC the target nucleic acid from the remaining part of the sample, (d)
CC hybridising a primer to the target nucleic acid, where the primer
CC comprises a nucleobase sequence B', and the nucleobase sequence B'
CC hybridises to the nucleobase sequence B, (e) elongating the hybridised
CC primer to produce an elongation product B using the target nucleic acid
CC as a template and using nucleotides, where at least 30 % of the
CC nucleotides contain at least one promiscuous base which is capable of
CC base pairing with each of adenine, guanine, cytosine, and thymine, (f)
CC separating the target nucleic acid from the elongation product B, (g)
CC hybridising a further primer which comprises the nucleobase sequence B'
CC to the elongation product B, where the elongation product B is capable of
CC acting as a template for the elongation of the further primer, (h)
CC elongating the hybridised further primer of step (g) to produce an
CC elongation product E' using the elongation product B as a template and
CC using nucleotides, where at least 30 % of the nucleotides contain at
CC least one promiscuous base, (i) separating the elongation product B from
CC the elongation product B', (j) hybridising a further primer comprising a
CC nucleobase sequence B' to the target nucleic acid or the elongation
CC product B, (k) elongating the further primer of step (j) to produce
CC another elongation product B using the target nucleic acid or elongation
CC product B as a template and using nucleotides, where at least 30 % of the
CC nucleotides contain at least one promiscuous base, (l) separating product
CC E of step (k) from the target nucleic acid or elongation product B, (m)
CC optionally repeating steps (g) - (l) a sufficient number of times to
CC generate a desired amount of double stranded nucleic acids and (n)
CC determining the elongation product B and/or elongation product E' as a
CC measure of the presence or amount of the analyte, where the lengths of
CC the sequence I and the nucleobase sequence B are chosen such that, when
CC the further primer hybridises to the elongation product B in step (g),
CC the further primer spans a sequence formed by elongation of the

CC hybridised primer of step (e) and overlaps at least a part of the 3'
CC region of the hybridised primer of step (e) by an overlap length. The
CC method is useful for determining an analyte in a sample. In particular, the
CC method is useful for generating multiple double stranded nucleic acids.
CC The present sequence is a primer molecule used to exemplify the method of
CC the invention
XX
XX Sequence 30 BP; 0 A; 0 C; 0 G; 30 T; 0 U; 0 Other;
SQ
Query Match 0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 1.5e+02;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 5393 AAAAAAAAAAGAAAAATGAAA 5421
DB 30 AAAAAAAAAAAAAAAAAAAAAA 2
RESULT 41
ABK70490/c
ID ABK70490 standard; DNA; 30 BP.
XX
XX ABK70490;
AC
XX
XX 15-JUL-2002 (first entry)
DT
XX
XX In-situ analysis synthetic probe #58.
DE
XX
XX Human; oligonucleotide label-domain; CMV; cytomegalovirus; EBV;
KM Epstein-Barr virus; lambda-immunoglobulin light chain; hapten;
KM kappa-immunoglobulin light chain; repetitive Alu sequence; EBBR;
KM Epstein-Barr early RNA; probe; ss.
XX
XX Synthetic.
OS
XX
XX WO200222874-A2.
PN
XX
XX 21-MAR-2002.
PD
XX
XX 06-SBP-2001; 2001WO-US028014.
PF
XX
XX 15-SEP-2000; 2000US-0233177P.
PR
XX
XX (VENT-) VENTANA MEDICAL SYSTEMS INC.
PA
XX
XX Utermohlen JG, Connaughton J;
PI
XX
XX MPI; 2002-371972/40.
DR
XX
XX Novel oligonucleotide label-domain for incorporation into oligonucleotide
PT probes useful for detecting or localizing nucleic acid target genes
PT within a cell or tissue sample.
XX
XX
PS Disclosure; Page 69; 71pp; English.
XX
XX The present invention relates to a new oligonucleotide label-domain
CC comprising the sequence (CATTTT)_n and its complement (AAAAATG)_n, where
CC n is 1. The probe sets of the invention are useful for detecting kappa or
CC lambda-immunoglobulin light chain mRNA or corresponding heteronuclear
CC RNA, CMV (cytomegalovirus) immediate early RNA, EBV (Epstein-Barr virus)
CC early RNA 1 and RNA 2, and human Alu repetitive satellite genomic
CC sequences. The invention is a useful generic sequence for incorporation
CC into oligonucleotide probes for detecting gene-specific sequences within
CC cells or tissue samples in in situ hybridisation analysis and for
CC attaching a label to immunoglobulins or other proteins for detecting
CC hapten and antigens in immunohistochemical analyses. The present nucleic
CC acid sequence represents one of a collection (ABK70376-ABK70501) of
CC oligonucleotide probes that were used in the invention for detecting or
CC localising a plurality nucleic acid target gene or antigen within a cell
CC or tissue sample
XX
XX Sequence 30 BP; 0 A; 0 C; 0 G; 30 T; 0 U; 0 Other;

```

Query Match      0.4%; Score 21; DB 1; Length 30;
Best Local Similarity 82.8%; Pred. No. 1.5e+02;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      5393 AAAAAAAAAACAAAAAGAAAAATGAAA 5421
      30 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2

RESULT 42
ABSS53961/c
ID      ABSS53961 standard; DNA; 30 BP.
XX
XX
AC      ABSS53961,
XX
XX      26-NOV-2002 (first entry)
DT
XX
XX      Method of measuring nucleic acid related oligonucleotide dT30mer.
XX
XX      Fluorescent intercalative dye; nucleic acid detection; gene diagnosis;
XX      clinical diagnostics; Stokes shift; de.
XX
XX      Synthetic.
OS
XX      EP1223226-A2.
XX      17-JUL-2002.
XX
XX      11-JAN-2002; 2002BP-00000723.
XX
XX      11-JAN-2001; 2001UP-00003432.
XX
XX      (TOWY ) TOSOH CORP.
XX
XX      Tokunaga T, Ishiguro T, Horie R;
XX
XX      WPI; 2002-645688/70.
XX
XX      Fluorescent dye or its salt, hydrate, solvate or stereoisomer for nucleic
XX      acid probe for measuring nucleic acid(s) containing specific nucleic acid
XX      sequence in sample, has specific formula.
XX
XX      Example 5; Page 33; 40pp; English.
XX
XX      The invention describes a novel fluorescent dye and method of detecting
XX      nucleic acid. The dye and method are useful for nucleic acid probes for
XX      measuring nucleic acid(s) containing a specific nucleic acid sequence in
XX      a sample, and for qualitative/quantitative assay of target RNA containing
XX      specific base sequence anticipated in gene mixture. The assay is useful
XX      in gene diagnosis and other areas of clinical diagnostics and in
XX      identification/quantification microorganisms in biological samples such
XX      as serum, plasma and urine, microbially contaminated samples from food,
XX      rooms, soil, rivers and sea. The fluorescent intercalative dye shows a
XX      large fluorescent enhancement upon intercalation into double-stranded
XX      nucleic acid, and shows a great difference between excitation and
XX      emission wavelengths (has a large Stokes shift) and does not have a
XX      fluorescence spectrum that overlaps with those of conventionally known
XX      fluorescent intercalative dyes. Viruses, microbial RNAs, specific
XX      sequences in one RNA, are detected or quantified in a short time, hence
XX      the detection method is applicable to clinical diagnosis which requires
XX      high reliability. Amplification and extraction efficiencies of the target
XX      nucleic acid, are checked. This sequence represents a synthetic DNA used
XX      as the target in an assay to detect double stranded DNA
XX
XX      Sequence 30 BP; 0 A; 0 C; 0 G; 30 T; 0 U; 0 Other;
XX
XX      Query Match      0.4%; Score 21; DB 1; Length 30;
XX      Best Local Similarity 82.8%; Pred. No. 1.5e+02;
XX      Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
XX
XX      5393 AAAAAAAAAACAAAAAGAAAAATGAAA 5421
XX      30 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2

```

```

RESULT 43
ABK48760
ID      ABK48760 standard; RNA; 24 BP.
XX
XX      ABK48760;
XX
XX      15-JUL-2002 (first entry)
DT
XX
XX      U7enRNA substrate for RNA chimera pRNA-Rz.
XX
XX      Circularly permuted pRNA; active RNA molecule; antisense RNA; cpRNA;
XX      carrier molecule; cancer; pathogen infection; cytosstatic; U7enRNA;
XX      bacteriophage phi29; antimicrobial; hammerhead ribozyme; pRNA-Rz; ss.
XX
XX      Synthetic.
OS
XX
XX      Key
XX      misc_binding
XX      Location/Qualifiers
XX      1..11
XX      /tag= a
XX      /bound_moiety= "RNA chimera pRNA-Rz"
XX      /note= "Forms a double stranded region with bases 92-82
XX      of the sequence in ABK48759"
XX      12..13
XX      /tag= b
XX      /label= Cleavage site
XX      /note= "Cleaved between nucleotides 12-13 by RNA chimera
XX      pRNA-Rz"
XX      13..24
XX      /tag= c
XX      /bound_moiety= "RNA chimera pRNA-Rz"
XX      /note= "Forms a double stranded region with bases 59-48
XX      of the sequence in ABK48759"
XX
XX      misc_binding
XX      WO200216596-A2.
XX      28-FEB-2002.
XX
XX      23-AUG-2001; 2001WO-US026333.
XX
XX      23-AUG-2000; 2000US-0227933P.
XX
XX      (PURD ) PURDUE RES FOUND.
XX
XX      Guo P, Hoeprich SM, Shu D;
XX
XX      WPI; 2002-351652/38.
XX
XX      RNA chimeras comprising a pRNA region and a spacer region containing a
XX      biologically active RNA, useful for delivering a ribozyme or other
XX      biologically active group to a target molecule, location, or cell.
XX
XX      Example 2; Fig 8; 51pp; English.
XX
XX      The present invention relates to a circularly permuted chimeric RNA
XX      molecule comprising a pRNA region and a spacer region which comprises a
XX      stabilised biologically active RNA molecule such as a ribozyme or an
XX      antisense RNA, and which is covalently linked at its 5' and 3' ends to
XX      the pRNA region. The pRNA region includes a circularly permuted pRNA
XX      (cpRNA) of a bacteriophage selected from bacteriophage phi29, SFS1, B103,
XX      p24, M2, NP and GM1. The spacer region can optionally include first and
XX      second nucleotide strings interposed between the biologically active
XX      moiety and the pRNA region. The pRNA chimera is useful as a vehicle for
XX      carrying or delivering and protecting a ribozyme or other biologically
XX      active group to a target molecule, location, or cell. The chimera may
XX      also be used to cleave undesired RNAs in plants and animals, including
XX      humans, in the characterisation of RNA molecules, and in stabilising RNAs
XX      in solutions for use in binding assays, cleavage assays or diagnostics.
XX      The chimeras may be used in developing transgenic plants or animals
XX      having resistance to diseases. The chimeras are also useful for treating
XX      cancer and pathogen infections. The chimeras confer increased stability
XX      upon e.g. ribozymes, against the action of cellular exonucleases, and so

```


QY 5389 AATTAAAAATCAGAAAAAGAAAAA 5415
 DB 27 AATTAAAAATCAGAAAAAGAAAAA 1

RESULT 46
 AAH38515/C
 ID AAH38515 standard; DNA: 25 BP.
 AC AAH38515;
 XX
 DT 14-AUG-2001 (first entry)
 XX
 DE SNP specific SNRP primer SEQ ID 1311.
 XX
 SNRP, single nucleotide polymorphism; SNP, single nucleotide primer extension;
 KW SNRP, genotyping; agammaglobulinemia; diabetes insipidus; cancer;
 KW Lesch-Nyhan syndrome; muscular dystrophy; familial hypercholesterolaemia;
 KW polycystic kidney disease; osteogenesis imperfecta; autoimmune disease;
 KW acute intermittent porphyria; rheumatoid arthritis; multiple sclerosis;
 KW inflammation; forensic investigation; paternity analysis; primer; ss.
 XX
 OS Homo sapiens.
 XX
 PN MO200129262-A2.
 XX
 PD 26-APR-2001.
 XX
 PF 13-OCT-2000; Z000MO-US028436.
 XX
 PR 15-OCT-1999; 99US-0160096P.
 XX
 PA (ORCH-) ORCHID BIOSCIENCES INC.
 PI Picoult-Newburg L, Pohl M;
 PI WPI, 2001-290930/30.
 DR
 XX
 PT New genotyping oligonucleotide, useful for detecting the presence,
 PT absence or identity of single polynucleotide polymorphism in a nucleic
 PT acid sample.
 XX
 PS Claim 1; Page 56; 83pp; English.

Sequences AAH37205 - AAH40944 represent PCR primers, single nucleotide
 primer extension (SNPE) primers, and the sequences of regions flanking
 sites of single nucleotide polymorphisms SNPs. The present invention
 includes kits for determining the presence or absence of a SNP, using the
 oligonucleotides of the invention. The PCR primers are used to amplify a
 SNP flanking sequence, the SNPs primer is used as a genotyping primer.
 CC The oligonucleotides are useful for genotyping a nucleic acid sample by
 CC performing a single-nucleotide primer extension reaction. The
 CC oligonucleotides are useful for determining the presence, absence or
 CC identity of a SNP and for genotyping nucleic acid samples, for e.g. to
 CC assess by association analysis the genotype of an individual or group of
 CC individuals, having a pathological phenotypic trait suspected of being
 CC caused by one or more SNPs. Phenotypic traits include diseases e.g.
 CC agammaglobulinemia, diabetes insipidus, Lesch-Nyhan syndrome, muscular
 CC dystrophy, familial hypercholesterolaemia, polycystic kidney disease,
 CC osteogenesis imperfecta and acute intermittent porphyria. Phenotypic
 CC traits also include symptoms of or susceptibility to multifactorial
 CC disease of which a component is or may be genetic such as autoimmune
 CC diseases, including, rheumatoid arthritis, multiple sclerosis,
 CC inflammation, cancer, nervous system diseases and infection by pathogenic
 CC microorganism. The method is also useful in forensic investigations and
 CC paternity analysis. The present sequence represents a single nucleotide
 CC primer extension (SNPE) primer specific for a human SNP containing DNA
 CC sequence
 XX
 SO Sequence 25 BP; 1 A; 1 C; 0 G; 23 T; 0 U; 0 Other;
 XX
 Query Match 0.4%; Score 20.2; DB 1; Length 25;

Best Local Similarity 88.0%; Pred. No. 1.9e+02;
 Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5393 AAAAAATCAGAAAAAGAAAAATG 5417
 DB 25 AAAAAATCAGAAAAAGAAAAATG 1

RESULT 47
 AAH71935/C
 ID AAH71935 standard; DNA: 27 BP.
 AC AAH71935;
 XX
 DT 18-FEB-1999 (first entry)
 XX
 DE Anchored poly T RT-PCR primer.
 XX
 KW Normalised; cDNA library; mRNA cloning; reverse transcription;
 KW immobilise; screening; hybridisation; nucleic acid amplification;
 KW expression pattern; drug development; PCR primer; RT-PCR; ss.
 XX
 OS Synthetic.
 XX
 PN MO9851789-A2.
 XX
 PD 19-NOV-1998.
 XX
 PF 13-MAY-1998; 98WO-DK000186.
 XX
 PR 13-MAY-1997; 97DK-00000547.
 PR 19-MAY-1997; 97US-00871030.
 PR 27-MAR-1998; 98DK-00000432.
 XX
 PA (DISP-) DISPLAY SYSTEMS BIOTECH APS.
 PI Warthoe PR;
 PI WPI, 1999-009772/01.
 DR
 XX
 PT Preparation of normalised, subdivided cDNA libraries from mRNA - by
 PT reverse transcription and amplification, used to screen for new genes and
 PT interacting proteins, potential drugs, and for diagnosis.
 XX
 PS Example 1; Page 29; 71pp; English.

The invention relates to preparation of a normalised, subdivided library
 of amplified cDNA from the coding regions of mRNA in a sample. The method
 involves reverse transcription, with at least one cDNA primer of formula
 5'-Cont-dTn2-Vn3-Nn4 to form first strand cDNA where Cont = any sequence
 of 1-100 nucleotides; dT = deoxythymidyl; n2 is at least 1; n3 and n4
 are both 0, or n3 is 1 and n4 is at least 1; followed by second strand
 cDNA synthesis using the first strand as template and a second cDNA
 primer of a similar formula, in the presence of DNA polymerase I (or its
 Klenow fragment) and amplification of double-stranded cDNA with a set of
 amplification primers. Comparison of cDNA in the prepared library with a
 database (a computer-generated list of molecular weights of restricted
 DNA fragments of known sequence) is used to determine presence of an
 expressed protein in a cell, also to detect changes in such expression
 (particularly for diagnosis of disease). Surfaces (chip) having amplified
 cDNA stably immobilised on it, obtained by a similar method, are used to
 screen for genes of a particular family, by hybridisation with nucleic
 acid from the family (to identify new genes) and to detect differences in
 expression patterns between cells. The polypeptides expressed by the
 CC libraries can be used for drug development. Sequences AAH71935 to
 CC AAH71946 represent primers used to exemplify the method of the invention
 XX
 SO Sequence 27 BP; 2 A; 0 C; 0 G; 25 T; 0 U; 0 Other;
 XX
 Query Match 0.4%; Score 20.2; DB 1; Length 27;
 Best Local Similarity 88.0%; Pred. No. 1.9e+02;
 Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

[illegible]

CC	or disorder arising from aberrant apoptosis. The compounds are also
CC	useful as research reagents and kits, or for diagnostic therapeutics
CC	and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC	tumour formation. NAC is also known as a death effector filament-forming
CC	CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
CC	17p13. The present sequence represents a human NAC chimeric
CC	phosphorothioate antisense oligonucleotide, which is given in the
CC	exemplification of the present invention
CC	
XX	Sequence 20 BP; 4 A; 5 C; 6 G; 5 T; 0 U; 0 Other;
XX	
Qy	Query Match 0.4%; Score 20; DB 1; Length 20;
Qy	Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Db	Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db	503 CTCCTTAACCTCCGGACAGAG 522
Db	20 CTCCTTAACCTCCGGACAGAG 1
XX	
RESULT 49	
ACCA5174/c	
ID	ACCA5174 standard; DNA; 20 BP.
AC	ACCA5174;
XX	
DT	16-JUN-2003 (first entry)
XX	
DE	Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:34.
XX	
KW	Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
KW	antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
KW	death effector filament-forming CED4-like apoptosis protein;
KW	neurological disease; infection; inflammation; tumour formation;
KW	phosphorothioate; ss.
XX	
OS	Homo sapiens.
OS	Synthetic.
XX	
FT	Key
FT	Location/Qualifiers
FT	1..20
FT	/*tag= a
FT	/mod_base= OTHER
FT	/note= "phosphorothioate backbone"
FT	1..5
FT	/*tag= b
FT	/mod_base= OTHER
FT	/note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT	16..20
FT	/*tag= c
FT	/mod_base= OTHER
FT	/note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX	
XX	WO2003024988-A1.
XX	
XX	27-MAR-2003.
XX	
XX	19-SEP-2002; 2002WO-US029664.
XX	
XX	19-SEP-2001; 2001US-00956712.
XX	
XX	(ISIS-) ISIS PHARM INC.
XX	
PI	Bennett CF, Freier SM;
XX	
DR	WPI; 2003-354583/33.
XX	
XX	New antisense compounds, useful for modulating the expression of NAC or
XX	for treating a disease or condition associated with the expression of
XX	NAC, e.g. hyperproliferative disease or neurological disease.
XX	
XX	Claim 3; Page 75; 147pp; English.

CC The present invention describes a compound (1) 8-50 nucleobases in length
CC targeted to a nucleic acid molecule encoding NAC, where the compound
CC specifically hybridizes with the nucleic acid molecule encoding NAC and
CC inhibits the expression of NAC. The compound specifically hybridizes with
CC at least an 8-nucleobase portion of an active site on a nucleic acid
CC molecule encoding NAC. Also described: (1) a composition comprising (1)
CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (1); and (3) treating an animal having a disease or condition associated
CC with NAC comprising administering (1) to the animal so that expression of
CC NAC is inhibited. (1) has cytostatic, neurotropic, neuroprotective and
CC anti-inflammatory activities, and can be used in antisense therapy. The
CC antisense compounds (1) are useful for modulating the expression of NAC,
CC and for treating a disease or condition associated with expression of
CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC or disorder arising from aberrant apoptosis. The compounds are also
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumour formation. NAC is also known as a death effector filament-forming
CC CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
CC 17p13. The present sequence represents a human NAC chimeric
CC phosphorothioate antisense oligonucleotide, which is given in the
CC exemplification of the present invention
XX
SQ Sequence 20 BP; 8 A; 4 C; 5 G; 3 T; 0 U; 0 Other;
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2905 GCCTATTGGCAGATTCCTT 2924
DB 20 GCCTATTGGCAGATTCCTT 1
RESULT 50
ACCA5201/c
ID ACCA5201 standard; DNA; 20 BP.
XX
AC ACCA5201;
XX
DT 16-JUN-2003 (first entry)
XX
DE Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:61.
XX
XX Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
KW antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
KW death effector filament-forming CED4-like apoptosis protein;
KW neurological disease; infection; inflammation; tumour formation;
KW phosphorothioate; ss.
XX
OS Homo sapiens.
OS Synthetic.
XX
FH Key Location/Qualifiers
FT modified_base 1..20
FT FT /*tag= a
FT FT /mod_base= OTHER
FT FT /note= "phosphorothioate backbone"
FT modified_base 1..5
FT FT /*tag= b
FT FT /mod_base= OTHER
FT FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base 16..20
FT FT /*tag= c
FT FT /mod_base= OTHER
FT FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX
PN MO2003024988-A1.
XX
XX 27-MAR-2003.
XX
PF 19-SEP-2002; 2002MO-US029664.

XX
PR 19-SEP-2001; 2001US-00956712.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CF, Freiler SM;
PI WPI; 2003-354583/33.
DR
XX
XX
PT New antisense compounds, useful for modulating the expression of NAC or
PT for treating a disease or condition associated with the expression of
PT NAC, e.g. hyperproliferative disease or neurological disease.
XX
PS Example 15; Page 76; 147pp; English.
XX
CC The present invention describes a compound (1) 8-50 nucleobases in length
CC targeted to a nucleic acid molecule encoding NAC, where the compound
CC specifically hybridizes with the nucleic acid molecule encoding NAC and
CC inhibits the expression of NAC. The compound specifically hybridizes with
CC at least an 8-nucleobase portion of an active site on a nucleic acid
CC molecule encoding NAC. Also described: (1) a composition comprising (1)
CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (1); and (3) treating an animal having a disease or condition associated
CC with NAC comprising administering (1) to the animal so that expression of
CC NAC is inhibited. (1) has cytostatic, neurotropic, neuroprotective and
CC anti-inflammatory activities, and can be used in antisense therapy. The
CC antisense compounds (1) are useful for modulating the expression of NAC,
CC and for treating a disease or condition associated with expression of
CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC or disorder arising from aberrant apoptosis. The compounds are also
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumour formation. NAC is also known as a death effector filament-forming
CC CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
CC 17p13. The present sequence represents a human NAC chimeric
CC phosphorothioate antisense oligonucleotide, which is given in the
CC exemplification of the present invention
XX
SQ Sequence 20 BP; 6 A; 2 C; 7 G; 5 T; 0 U; 0 Other;
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4747 CCTCAGCTCATTTATGGAAGT 4766
DB 20 CCTCAGCTCATTTATGGAAGT 1
RESULT 51
ACCA5204/c
ID ACCA5204 standard; DNA; 20 BP.
XX
AC ACCA5204;
XX
DT 16-JUN-2003 (first entry)
XX
DE Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:64.
XX
XX Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
KW antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
KW death effector filament-forming CED4-like apoptosis protein;
KW neurological disease; infection; inflammation; tumour formation;
KW phosphorothioate; ss.
XX
OS Homo sapiens.
OS Synthetic.
XX
FH Key Location/Qualifiers
FT modified_base 1..20
FT FT /*tag= a
FT FT /mod_base= OTHER

```
FT modified_base /note= "phosphorothioate backbone"
FT 1..5 /tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base 16..20
FT /tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
PN WO2003024988-A1.
XX 27-MAR-2003.
XX
XX 19-SEP-2002; 2002WO-US029664.
XX
XX 19-SEP-2001; 2001US-00956712.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CF, Freiler SM;
XX
XX WPI; 2003-354583/33.
XX
XX New antisense compounds, useful for modulating the expression of NAC or
XX for treating a disease or condition associated with the expression of
XX NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Claim 3; Page 76; 147pp; English.
XX
XX The present invention describes a compound (I) 8-50 nucleobases in length
XX targeted to a nucleic acid molecule encoding NAC, where the compound
XX specifically hybridises with the nucleic acid molecule encoding NAC and
XX inhibits the expression of NAC. The compound specifically hybridises with
XX at least an 8-nucleobase portion of an active site on a nucleic acid
XX molecule encoding NAC. Also described: (1) a composition comprising (I)
XX and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
XX NAC in cells or tissues comprising contacting the cells or tissues with
XX (I); and (3) treating an animal having a disease or condition associated
XX with NAC comprising administering (I) to the animal so that expression of
XX NAC is inhibited. (I) has cytostatic, neurotropic, neuroprotective and
XX antiinflammatory activities, and can be used in antisense therapy. The
XX antisense compounds (I) are useful for modulating the expression of NAC,
XX and for treating a disease or condition associated with expression of
XX NAC, e.g. hyperproliferative disease, neurological disease, or a disease
XX or disorder arising from aberrant apoptosis. The compounds are also
XX useful as research reagents and kits, or for diagnostics, inflammation or
XX tumour formation. NAC is also known as a death effector filament-forming
XX CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
XX 17p13. The present sequence represents a human NAC chimeric
XX phosphorothioate antisense oligonucleotide, which is given in the
XX exemplification of the present invention
SQ Sequence 20 BP; 7 A; 5 C; 6 G; 2 T; 0 U; 0 Other;
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4832 GACCCCTTGAGTCTGCGCTTT 4851
DB 20 GACCCCTTGAGTCTGCGCTTT 1
RESULT 52
ACCA45183/c
ID ACC45183 standard; DNA; 20 BP.
XX
XX ACC45183;
XX
XX 16-JUN-2003 (first entry)
XX
```

```
DE Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:43.
XX
XX Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
XX antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
XX death effector filament-forming CED4-like apoptosis protein;
XX neurological disease; infection; inflammation; tumour formation;
XX phosphorothioate; ss.
XX
XX Homo sapiens.
OS Synthetic.
XX
XX Key Location/Qualifiers
FH modified_base 1..20
FT /tag= a
FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"
FT modified_base 1..5
FT /tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base 16..20
FT /tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
PN WO2003024988-A1.
XX
XX 27-MAR-2003.
XX
XX 19-SEP-2002; 2002WO-US029664.
XX
XX 19-SEP-2001; 2001US-00956712.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CF, Freiler SM;
XX
XX WPI; 2003-354583/33.
XX
XX New antisense compounds, useful for modulating the expression of NAC or
XX for treating a disease or condition associated with the expression of
XX NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Example 15; Page 75; 147pp; English.
XX
XX The present invention describes a compound (I) 8-50 nucleobases in length
XX targeted to a nucleic acid molecule encoding NAC, where the compound
XX specifically hybridises with the nucleic acid molecule encoding NAC and
XX inhibits the expression of NAC. The compound specifically hybridises with
XX at least an 8-nucleobase portion of an active site on a nucleic acid
XX molecule encoding NAC. Also described: (1) a composition comprising (I)
XX and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
XX NAC in cells or tissues comprising contacting the cells or tissues with
XX (I); and (3) treating an animal having a disease or condition associated
XX with NAC comprising administering (I) to the animal so that expression of
XX NAC is inhibited. (I) has cytostatic, neurotropic, neuroprotective and
XX antiinflammatory activities, and can be used in antisense therapy. The
XX antisense compounds (I) are useful for modulating the expression of
XX NAC, e.g. hyperproliferative disease, neurological disease, or a disease
XX or disorder arising from aberrant apoptosis. The compounds are also
XX useful as research reagents and kits, or for diagnostics, inflammation or
XX tumour formation. NAC is also known as a death effector filament-forming
XX CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
XX 17p13. The present sequence represents a human NAC chimeric
XX phosphorothioate antisense oligonucleotide, which is given in the
XX exemplification of the present invention
SQ Sequence 20 BP; 2 A; 5 C; 5 G; 8 T; 0 U; 0 Other;
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
XX
```

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3473 TCAGCAGACGGAACCAAGT 3492
 |||||
 DB 20 TCAGCAGACGGAACCAAGT 1

RESULT 53
 ACC45192/c
 ID ACC45192 standard; DNA; 20 BP.

ACCA45192;
 16-JUN-2003 (first entry)

Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:52.

Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
 anti-sense therapy; NAC; DBPCAP; hyperproliferative disease; apoptosis;
 death effector filament-forming CED4-like apoptosis protein;
 neurotropic disease; infection; inflammation; tumour formation;
 phosphorothioate; ss.

Homo sapiens.
 Synthetic.

Key Location/Qualifiers
 modified_base 1..20
 /tag= a
 /mod_base= OTHER
 /note= "phosphorothioate backbone"

modified_base 1..5
 /tag= b
 /mod_base= OTHER
 /note= "2'-O-methoxyethyl (2'-MOE) gapmer"

modified_base 16..20
 /tag= c
 /mod_base= OTHER
 /note= "2'-O-methoxyethyl (2'-MOE) gapmer"

WO2003024988-A1.
 27-MAR-2003.

19-SEP-2002; 2002WO-US029664.
 19-SEP-2001; 2001US-00956712.

(ISIS-) ISIS PHARM INC.

Bennett CF, Freiler SM;
 WPI; 2003-354583/33.

New antisense compounds, useful for modulating the expression of NAC or
 for treating a disease or condition associated with the expression of
 NAC, e.g. hyperproliferative disease or neurological disease.

Example 15; Page 76; 147pp; English.

The present invention describes a compound (I) 8-50 nucleobases in length
 targeted to a nucleic acid molecule encoding NAC, where the compound
 specifically hybridizes with the nucleic acid molecule encoding NAC and
 inhibits the expression of NAC. The compound specifically hybridizes with
 at least an 8-nucleobase portion of an active site on a nucleic acid
 molecule encoding NAC. Also described: (1) a composition comprising (I)
 and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
 NAC in cells or tissues comprising contacting the cells or tissues with
 (I); and (3) treating an animal having a disease or condition associated
 with NAC comprising administering (I) to the animal so that expression of
 NAC is inhibited. (I) has cytostatic, neurotropic, neuroprotective and
 antiinflammatory activities, and can be used in anti-sense therapy. The
 antisense compounds (I) are useful for modulating the expression of NAC,

CC and for treating a disease or condition associated with expression of
 CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
 CC or disorder arising from aberrant apoptosis. The compounds are also
 CC useful as research reagents and kits, or for diagnostics, therapeutics
 CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
 CC tumour formation. NAC is also known as a death effector filament-forming
 CC CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
 CC 17p13. The present sequence represents a human NAC chimeric
 CC phosphorothioate antisense oligonucleotide, which is given in the
 CC exemplification of the present invention

Sequence 20 BP; 3 A; 7 C; 4 G; 6 T; 0 U; 0 Other;

Query Match 0.4%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 1.9e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4296 CATTCCGAGGAAGCTGAGC 4315
 |||||
 DB 20 CATTCCGAGGAAGCTGAGC 1

RESULT 54
 ACC45194/c
 ID ACC45194 standard; DNA; 20 BP.

ACCA45194;
 16-JUN-2003 (first entry)

Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:54.

Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
 anti-sense therapy; NAC; DBPCAP; hyperproliferative disease; apoptosis;
 death effector filament-forming CED4-like apoptosis protein;
 neurotropic disease; infection; inflammation; tumour formation;
 phosphorothioate; ss.

Homo sapiens.
 Synthetic.

Key Location/Qualifiers
 modified_base 1..20
 /tag= a
 /mod_base= OTHER
 /note= "phosphorothioate backbone"

modified_base 1..5
 /tag= b
 /mod_base= OTHER
 /note= "2'-O-methoxyethyl (2'-MOE) gapmer"

modified_base 16..20
 /tag= c
 /mod_base= OTHER
 /note= "2'-O-methoxyethyl (2'-MOE) gapmer"

WO2003024988-A1.
 27-MAR-2003.

19-SEP-2002; 2002WO-US029664.
 19-SEP-2001; 2001US-00956712.

(ISIS-) ISIS PHARM INC.

Bennett CF, Freiler SM;
 WPI; 2003-354583/33.

New antisense compounds, useful for modulating the expression of NAC or
 for treating a disease or condition associated with the expression of
 NAC, e.g. hyperproliferative disease or neurological disease.

PS Claim 3; Page 76; 147p; English.

XX The present invention describes a compound (I) 8-50 nucleobases in length
CC targeted to a nucleic acid molecule encoding NAC, where the compound
CC specifically hybridises with the nucleic acid molecule encoding NAC and
CC inhibits the expression of NAC. The compound specifically hybridises with
CC at least an 8-nucleobase portion of an active site on a nucleic acid
CC molecule encoding NAC. Also described: (1) a composition comprising (1)
CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (1); and (3) treating an animal having a disease or condition associated
CC with NAC comprising administering (1) to the animal so that expression of
CC NAC is inhibited. (1) has cytostatic, neurotropic, neuroprotective and
CC anti-inflammatory activities, and can be used in antisense therapy. The
CC antisense compounds (1) are useful for modulating the expression of NAC,
CC and for treating a disease or condition associated with expression of
CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC or disorder arising from aberrant apoptosis. The compounds are also
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumour formation. NAC is also known as a death effector filament-forming
CC CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
CC 17p13. The present sequence represents a human NAC chimeric
CC phosphorothioate antisense oligonucleotide, which is given in the
CC exemplification of the present invention

XX Sequence 20 BP; 4 A; 6 C; 2 G; 8 T; 0 U; 0 Other;

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4405 AAGAAAGATGACACTCTGCT 4424
|||
20 AAGAAAGATGACACTCTGCT 1

DB

RESULT 55
ACC45157/c
ID ACC45157 standard; DNA; 20 BP.

XX
AC ACC45157;
XX
DT 16-JUN-2003 (first entry)

XX Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:17.

XX
XX Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
KM antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
KM death effector filament-forming CED4-like apoptosis protein;
KM neurological disease; infection; inflammation; tumour formation;
XX phosphorothioate; ss.

XX
OS Homo sapiens.
OS Synthetic.

XX
XX Key Location/Qualifiers
FH modified_base 1..20
FT /tag= a
FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"

XX
FT modified_base 1..5
FT /tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"

FT modified_base 16..20
FT /tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"

XX
XX WO2003024988-A1.
XX
PD 27-MAR-2003.

XX
PF 19-SEP-2002; 2002WO-US029664.
XX
XX 19-SEP-2001; 2001US-00956712.
PR
XX (ISIS-) ISIS PHARM INC.
PA
XX Bennett CF, Freier SM;
PI
XX WPI; 2003-354583/33.
DR
XX
XX
PT New antisense compounds, useful for modulating the expression of NAC or
PT for treating a disease or condition associated with the expression of
PT NAC, e.g. hyperproliferative disease or neurological disease.

XX Example 15; Page 75; 147p; English.

XX The present invention describes a compound (I) 8-50 nucleobases in length
CC targeted to a nucleic acid molecule encoding NAC, where the compound
CC specifically hybridises with the nucleic acid molecule encoding NAC and
CC inhibits the expression of NAC. The compound specifically hybridises with
CC at least an 8-nucleobase portion of an active site on a nucleic acid
CC molecule encoding NAC. Also described: (1) a composition comprising (1)
CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (1); and (3) treating an animal having a disease or condition associated
CC with NAC comprising administering (1) to the animal so that expression of
CC NAC is inhibited. (1) has cytostatic, neurotropic, neuroprotective and
CC anti-inflammatory activities, and can be used in antisense therapy. The
CC antisense compounds (1) are useful for modulating the expression of NAC,
CC and for treating a disease or condition associated with expression of NAC,
CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC or disorder arising from aberrant apoptosis. The compounds are also
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumour formation. NAC is also known as a death effector filament-forming
CC CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
CC phosphorothioate antisense oligonucleotide, which is given in the
CC exemplification of the present invention

XX Sequence 20 BP; 7 A; 2 C; 9 G; 2 T; 0 U; 0 Other;

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 334 TGGCTTTTCTTCCACTCC 353
|||
20 TGGCTTTTCTTCCACTCC 1

DB

RESULT 56
ACC45184/c
ID ACC45184 standard; DNA; 20 BP.

XX
AC ACC45184;
XX
DT 16-JUN-2003 (first entry)

XX Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:44.

XX
XX Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
KM antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
KM death effector filament-forming CED4-like apoptosis protein;
KM neurological disease; infection; inflammation; tumour formation;
XX phosphorothioate; ss.

XX
OS Homo sapiens.
OS Synthetic.

XX
XX Key Location/Qualifiers
FH modified_base 1..20

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FT FT /*tag= a
FT FT /mod_base= OTHER
FT FT /note= "phosphorothioate backbone"
FT modified_base
FT 1..5
FT /tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base
FT 16..20
FT /tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
PN WO2003024988-A1.
XX
XX
XX 27-MAR-2003.
XX
XX 19-SEP-2002; 2002WO-US029664.
XX
XX 19-SEP-2001; 2001US-00956712.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CP, Preier SM;
XX
XX MPI; 2003-354583/33.
XX
XX
XX New antisense compounds, useful for modulating the expression of NAC or
XX for treating a disease or condition associated with the expression of
XX NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Claim 3; Page 75; 147pp; English.
XX
XX The present invention describes a compound (1) 8-50 nucleobases in length
XX targeted to a nucleic acid molecule encoding NAC, where the compound
XX specifically hybridizes with the nucleic acid molecule encoding NAC and
XX inhibits the expression of NAC. The compound specifically hybridizes with
XX at least an 8-nucleobase portion of an active site on a nucleic acid
XX molecule encoding NAC. Also described: (1) a composition comprising (1)
XX and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
XX NAC in cells or tissues comprising contacting the cells or tissues with
XX (1); and (3) treating an animal having a disease or condition associated
XX with NAC comprising administering (1) to the animal so that expression of
XX NAC is inhibited. (1) has cytoskeletal, neurotropic, neuroprotective and
XX antiinflammatory activities, and can be used in antisense therapy. The
XX antisense compounds (1) are useful for modulating the expression of NAC,
XX and for treating a disease or condition associated with expression of
XX NAC, e.g. hyperproliferative disease, neurological disease, or a disease
XX or disorder arising from aberrant apoptosis. The compounds are also
XX useful as research reagents and kits, or for diagnostics, therapeutics
XX and prophylaxis, e.g. to prevent or delay infection, inflammation or
XX tumour formation. NAC is also known as a death effector filament-forming
XX CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
XX 17p13. The present sequence represents a human NAC chimeric
XX phosphorothioate antisense oligonucleotide, which is given in the
XX exemplification of the present invention
XX
XX Sequence 20 BP; 3 A; 5 C; 7 G; 5 T; 0 U; 0 Other;
SQ
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 3544 TCCTCACTCAAGCGCAGAG 3563
DB 20 TCCTCACTCAAGCGCAGAG 1
RESULT 57
ACC45156/c
ID ACC45156 standard; DNA; 20 BP.
XX
XX AC ACC45156;
XX

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DT 16-JUN-2003 (first entry)
XX
XX Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:16.
DE
XX
XX Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
XX antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
XX death effector filament-forming CED4-like apoptosis protein;
XX neurological disease; infection; inflammation; tumour formation;
XX phosphorothioate; ss.
XX
XX Homo sapiens.
XX
XX Synthetic.
XX
XX Key Location/Qualifiers
XX modified_base 1..20
XX /tag= a
XX /mod_base= OTHER
XX /note= "phosphorothioate backbone"
XX
XX modified_base 1..5
XX /tag= b
XX /mod_base= OTHER
XX /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX
XX modified_base 16..20
XX /tag= c
XX /mod_base= OTHER
XX /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX
XX WO2003024988-A1.
XX
XX 27-MAR-2003.
XX
XX 19-SEP-2002; 2002WO-US029664.
XX
XX 19-SEP-2001; 2001US-00956712.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CP, Preier SM;
XX
XX MPI; 2003-354583/33.
XX
XX
XX New antisense compounds, useful for modulating the expression of NAC or
XX for treating a disease or condition associated with the expression of
XX NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Claim 3; Page 75; 147pp; English.
XX
XX The present invention describes a compound (1) 8-50 nucleobases in length
XX targeted to a nucleic acid molecule encoding NAC, where the compound
XX specifically hybridizes with the nucleic acid molecule encoding NAC and
XX inhibits the expression of NAC. The compound specifically hybridizes with
XX at least an 8-nucleobase portion of an active site on a nucleic acid
XX molecule encoding NAC. Also described: (1) a composition comprising (1)
XX and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
XX NAC in cells or tissues comprising contacting the cells or tissues with
XX (1); and (3) treating an animal having a disease or condition associated
XX with NAC comprising administering (1) to the animal so that expression of
XX NAC is inhibited. (1) has cytoskeletal, neurotropic, neuroprotective and
XX antiinflammatory activities, and can be used in antisense therapy. The
XX antisense compounds (1) are useful for modulating the expression of NAC,
XX and for treating a disease or condition associated with expression of
XX NAC, e.g. hyperproliferative disease, neurological disease, or a disease
XX or disorder arising from aberrant apoptosis. The compounds are also
XX useful as research reagents and kits, or for diagnostics, therapeutics
XX and prophylaxis, e.g. to prevent or delay infection, inflammation or
XX tumour formation. NAC is also known as a death effector filament-forming
XX CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
XX 17p13. The present sequence represents a human NAC chimeric
XX phosphorothioate antisense oligonucleotide, which is given in the
XX exemplification of the present invention
XX
XX Sequence 20 BP; 2 A; 5 C; 4 G; 9 T; 0 U; 0 Other;
SQ

```

```
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 ATCTGAGAACACAGAACAG 188
   |||||
Db 20 ATCTGAGAACACAGAACAG 1

RESULT 58
ACCA5163/c
ID ACCA5163 standard; DNA; 20 BP.
XX
AC ACCA5163;
XX
XX
XX 16-JUN-2003 (first entry)
XX
DE Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:23.
XX
KW Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
KW antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
KW death effector filament-forming CED4-like apoptosis protein;
KW neurological disease; infection; inflammation; tumour formation;
KW phosphorothioate; ss.
XX
OS Homo sapiens.
OS Synthetic.
XX
FH Key Location/Qualifiers
FT modified_base 1..20
   /tag= a
   /mod_base= OTHER
   /note= "phosphorothioate backbone"
FT modified_base 1..5
   /tag= b
   /mod_base= OTHER
   /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base 16..20
   /tag= c
   /mod_base= OTHER
   /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX
XX WO2003024988-A1.
XX
XX 27-MAR-2003.
XX
XX 19-SEP-2002; 2002WO-US029664.
XX
XX 19-SEP-2001; 2001US-00956712.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CF, Freier SM;
XX
XX WPI, 2003-354583/33.
XX
XX
XX New antisense compounds, useful for modulating the expression of NAC or
XX for treating a disease or condition associated with the expression of
XX NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Claim 3; Page 75; 147bp; English.
XX
XX The present invention describes a compound (I) 8-50 nucleobases in length
XX targeted to a nucleic acid molecule encoding NAC, where the compound
XX specifically hybridises with the nucleic acid molecule encoding NAC and
XX inhibits the expression of NAC. The compound specifically hybridises with
XX at least an 8-nucleobase portion of an active site on a nucleic acid
XX molecule encoding NAC. Also described: (1) a composition comprising (I)
XX and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
XX NAC in cells or tissues comprising contacting the cells or tissues with
XX (I); and (3) treating an animal having a disease or condition associated
XX with NAC comprising administering (I) to the animal so that expression of
XX NAC is inhibited. (I) has cyostatic, neurotropic, neuroprotective and
```

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CC antiinflammatory activities, and can be used in antisense therapy. The
CC antisense compounds (I) are useful for modulating the expression of NAC,
CC and for treating a disease or condition associated with expression of
CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC or disorder arising from aberrant apoptosis. The compounds are also
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumour formation. NAC is also known as a death effector filament-forming
CC CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
CC 17p13. The present sequence represents a human NAC chimeric
CC phosphorothioate antisense oligonucleotide, which is given in the
CC exemplification of the present invention
XX
XX SQ Sequence 20 BP; 4 A; 7 C; 5 G; 4 T; 0 U; 0 Other;
XX
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 883 ATCCATGAATTCGCCGCGG 902
   |||||
Db 20 ATCCATGAATTCGCCGCGG 1

RESULT 59
ACCA5169/c
ID ACCA5169 standard; DNA; 20 BP.
XX
AC ACCA5169;
XX
XX 16-JUN-2003 (first entry)
XX
DE Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:29.
XX
KW Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
KW antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
KW death effector filament-forming CED4-like apoptosis protein;
KW neurological disease; infection; inflammation; tumour formation;
KW phosphorothioate; ss.
XX
XX OS Homo sapiens.
XX OS Synthetic.
XX
FH Key Location/Qualifiers
FT modified_base 1..20
   /tag= a
   /mod_base= OTHER
   /note= "phosphorothioate backbone"
FT modified_base 1..5
   /tag= b
   /mod_base= OTHER
   /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base 16..20
   /tag= c
   /mod_base= OTHER
   /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX
XX WO2003024988-A1.
XX
XX 27-MAR-2003.
XX
XX 19-SEP-2002; 2002WO-US029664.
XX
XX 19-SEP-2001; 2001US-00956712.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CF, Freier SM;
XX
XX WPI, 2003-354583/33.
XX
XX New antisense compounds, useful for modulating the expression of NAC or
XX for treating a disease or condition associated with the expression of
```

PT NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Claim 3; Page 75; 147bp; English.
XX
CC The present invention describes a compound (1) 8-50 nucleobases in length
CC targeted to a nucleic acid molecule encoding NAC, where the compound
CC specifically hybridizes with the nucleic acid molecule encoding NAC and
CC inhibits the expression of NAC. The compound specifically hybridizes with
CC at least an 8-nucleobase portion of an active site on a nucleic acid
CC molecule encoding NAC. Also described: (1) a composition comprising (1)
CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (1); and (3) treating an animal having a disease or condition associated
CC with NAC comprising administering (1) to the animal so that expression of
CC NAC is inhibited. (1) has cytostatic, neurotropic, neuroprotective and
CC antiinflammatory activities, and can be used in antisense therapy. The
CC antisense compounds (1) are useful for modulating the expression of NAC,
CC and for treating a disease or condition associated with expression of
CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC or disorder arising from aberrant apoptosis. The compounds are also
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumour formation. NAC is also known as a death effector filament-forming
CC CED4-like apoptosis protein (DERCAP). NAC is located on human chromosome
CC 17p13. The present sequence represents a human NAC chimeric
CC phosphorothioate antisense oligonucleotide, which is given in the
CC exemplification of the present invention
XX
SQ Sequence 20 BP; 2 A; 8 C; 6 G; 4 T; 0 U; 0 Other;
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;
QY 1625 GCTGCAGAGAGCTGCCGAC 1644
Db 20 GCTGCAGAGAGCTGCCGAC 1
RESULT 60
ACC45171/c
ID ACC45171 standard; DNA; 20 BP.
XX
XX ACC45171;
AC
XX
XX 16-JUN-2003 (first entry)
DT
XX
XX Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:31.
DE
XX
XX Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
KW antisense therapy; NAC; DERCAP; hyperproliferative disease; apoptosis;
KW death effector filament-forming CED4-like apoptosis protein;
KW neurological disease; infection; inflammation; tumour formation;
KW phosphorothioate; ss.
XX
XX Homo sapiens.
OS Synthetic.
XX
XX Key Location/Qualifiers
FT modified_base 1..20 /*tag= a
FT /*tag= a
FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"
FT modified_base 1..5
FT /*tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base 16..20
FT /*tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX
XX WO2003024988-A1.

XX
PD 27-MAR-2003.
XX
XX 19-SEP-2002; 2002WO-US029664.
PF
XX
XX 19-SEP-2001; 2001US-00956712.
PR
XX
XX (ISIS-) ISIS PHARM INC.
PA
XX
XX Bennett CF, Freier SM;
PI
XX
XX WPI; 2003-354583/33.
DR
XX
XX New antisense compounds, useful for modulating the expression of NAC or
PT for treating a disease or condition associated with the expression of
PT NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Claim 3; Page 75; 147bp; English.
XX
XX The present invention describes a compound (1) 8-50 nucleobases in length
CC targeted to a nucleic acid molecule encoding NAC, where the compound
CC specifically hybridizes with the nucleic acid molecule encoding NAC and
CC inhibits the expression of NAC. The compound specifically hybridizes with
CC at least an 8-nucleobase portion of an active site on a nucleic acid
CC molecule encoding NAC. Also described: (1) a composition comprising (1)
CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (1); and (3) treating an animal having a disease or condition associated
CC with NAC comprising administering (1) to the animal so that expression of
CC NAC is inhibited. (1) has cytostatic, neurotropic, neuroprotective and
CC antiinflammatory activities, and can be used in antisense therapy. The
CC antisense compounds (1) are useful for modulating the expression of NAC,
CC and for treating a disease or condition associated with expression of
CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC or disorder arising from aberrant apoptosis. The compounds are also
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumour formation. NAC is also known as a death effector filament-forming
CC CED4-like apoptosis protein (DERCAP). NAC is located on human chromosome
CC 17p13. The present sequence represents a human NAC chimeric
CC phosphorothioate antisense oligonucleotide, which is given in the
CC exemplification of the present invention
XX
SQ Sequence 20 BP; 6 A; 5 C; 3 G; 6 T; 0 U; 0 Other;
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;
QY 2499 ATATGGAATACATGGCTGT 2518
Db 20 ATATGGAATACATGGCTGT 1
RESULT 61
ACC45189/c
ID ACC45189 standard; DNA; 20 BP.
XX
XX ACC45189;
AC
XX
XX 16-JUN-2003 (first entry)
DT
XX
XX Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:49.
DE
XX
XX Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
KW antisense therapy; NAC; DERCAP; hyperproliferative disease; apoptosis;
KW death effector filament-forming CED4-like apoptosis protein;
KW neurological disease; infection; inflammation; tumour formation;
KW phosphorothioate; ss.
XX
XX Homo sapiens.
OS Synthetic.
XX

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FH Key Location/Qualifiers
FT modified_base 1..20
FT /*tag= a
FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"
FT modified_base 1..5
FT /*tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base 16..20
FT /*tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX WO2003024988-A1.
XX 27-MAR-2003.
XX
XX 19-SEP-2002; 2002WO-US029664.
XX
XX 19-SEP-2001; 2001US-00956712.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CF, Freier SM;
XX
XX WPI; 2003-354583/33.
XX
XX New antisense compounds, useful for modulating the expression of NAC or
XX for treating a disease or condition associated with the expression of
XX NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Example 15; Page 75; 147pp; English.
XX
XX The present invention describes a compound (I) 8-50 nucleobases in length
XX targeted to a nucleic acid molecule encoding NAC, where the compound
XX specifically hybridizes with the nucleic acid molecule encoding NAC and
XX inhibits the expression of NAC. The compound specifically hybridizes with
XX at least an 8-nucleobase portion of an active site on a nucleic acid
XX molecule encoding NAC. Also described: (1) a composition comprising (I)
XX and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
XX NAC in cells or tissues comprising contacting the cells or tissues with
XX (I); and (3) treating an animal having a disease or condition associated
XX with NAC comprising administering (I) to the animal so that expression of
XX NAC is inhibited. (I) has cytosstatic, neurotropic, neuroprotective and
XX antiinflammatory activities, and can be used in antisense therapy. The
XX antisense compounds (I) are useful for modulating the expression of NAC,
XX and for treating a disease or condition associated with expression of
XX NAC, e.g. hyperproliferative disease, neurological disease, or a disease
XX or disorder arising from aberrant apoptosis. The compounds are also
XX useful as research reagents and kits, or for diagnostics, therapeutics
XX and prophylaxis, e.g. to prevent or delay infection, inflammation or
XX tumour formation. NAC is also known as a death effector filament-forming
XX CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
XX 17p13. The present sequence represents a human NAC chimeric
XX phosphorothioate antisense oligonucleotide, which is given in the
XX exemplification of the present invention
XX
XX Sequence 20 BP; 4 A; 7 C; 6 G; 3 T; 0 U; 0 Other;
XX
XX Query Match 0.4%; Score 20; DB 1; Length 20;
XX Best Local Similarity 100.0%; Pred. No. 1.9e+02;
XX Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX 4033 GCTCTCCAGGGGGCCATGT 4052
XX ||||||||||||||||
XX 20 GCTCTCCAGGGGGCCATGT 1
XX
XX RESULT 62
XX ACC45162/c
XX ID ACC45162 standard; DNA; 20 BP.
XX

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```

AC ACC45162;
XX
XX 16-JUN-2003 (first entry)
XX
XX Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:22.
XX
XX Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
XX antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
XX death effector filament-forming CED4-like apoptosis protein;
XX neurological disease; infection; inflammation; tumour formation;
XX phosphorothioate; ss.
XX
XX Homo sapiens.
XX
XX Synthetic.
XX
XX Key Location/Qualifiers
XX modified_base 1..20
XX /*tag= a
XX /mod_base= OTHER
XX /note= "phosphorothioate backbone"
XX modified_base 1..5
XX /*tag= b
XX /mod_base= OTHER
XX /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX modified_base 16..20
XX /*tag= c
XX /mod_base= OTHER
XX /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX
XX WO2003024988-A1.
XX
XX 27-MAR-2003.
XX
XX 19-SEP-2002; 2002WO-US029664.
XX
XX 19-SEP-2001; 2001US-00956712.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CF, Freier SM;
XX
XX WPI; 2003-354583/33.
XX
XX New antisense compounds, useful for modulating the expression of NAC or
XX for treating a disease or condition associated with the expression of
XX NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Claim 3; Page 75; 147pp; English.
XX
XX The present invention describes a compound (I) 8-50 nucleobases in length
XX targeted to a nucleic acid molecule encoding NAC, where the compound
XX specifically hybridizes with the nucleic acid molecule encoding NAC and
XX inhibits the expression of NAC. The compound specifically hybridizes with
XX at least an 8-nucleobase portion of an active site on a nucleic acid
XX molecule encoding NAC. Also described: (1) a composition comprising (I)
XX and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
XX NAC in cells or tissues comprising contacting the cells or tissues with
XX (I); and (3) treating an animal having a disease or condition associated
XX with NAC comprising administering (I) to the animal so that expression of
XX NAC is inhibited. (I) has cytosstatic, neurotropic, neuroprotective and
XX antiinflammatory activities, and can be used in antisense therapy. The
XX antisense compounds (I) are useful for modulating the expression of NAC,
XX and for treating a disease or condition associated with expression of
XX NAC, e.g. hyperproliferative disease, neurological disease, or a disease
XX or disorder arising from aberrant apoptosis. The compounds are also
XX useful as research reagents and kits, or for diagnostics, therapeutics
XX and prophylaxis, e.g. to prevent or delay infection, inflammation or
XX tumour formation. NAC is also known as a death effector filament-forming
XX CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
XX 17p13. The present sequence represents a human NAC chimeric
XX phosphorothioate antisense oligonucleotide, which is given in the
XX exemplification of the present invention
XX

```


Sequence 20 BP; 3 A; 6 C; 9 G; 2 T; 0 U; 0 Other;
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Dy 717 GGCCTGGAGACTAGCCTCC 736
20 GGCCTGGAGACTAGCCTCC 1
RESULT 63
ACC45205/c
ID ACC45205 standard; DNA; 20 BP.
AC 45205;
AC 45205;
DT 16-JUN-2003 (first entry)
XX Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:65.
XX
XX Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
KM antitumor therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
KM death effector filament-forming CED4-like apoptosis protein;
KM neurological disease; infection; inflammation; tumour formation;
KM phosphorothioate; ss.
XX Homo sapiens.
OS Synthetic.
FH Key Location/Qualifiers
FT modified_base 1..20
FT /*tag= a
FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"
FT modified_base 1..5
FT /*tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base 16..20
FT /*tag= c
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FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
PN WO2003024988-A1.
PD 27-MAR-2003.
PF 19-SEP-2002; 2002WO-US029664.
XX 19-SEP-2001; 2001US-00956712.
XX (ISIS-) ISIS PHARM INC.
PA Bennett CF, Freiler SM;
PI WPI; 2003-354583/33.
DR
XX New antisense compounds, useful for modulating the expression of NAC or
PT for treating a disease or condition associated with the expression of
PT NAC, e.g. hyperproliferative disease or neurological disease.
XX Claim 3; Page 76; 147pp; English.
XX
XX The present invention describes a compound (I) 8-50 nucleobases in length
CC targeted to a nucleic acid molecule encoding NAC, where the compound
CC specifically hybridizes with the nucleic acid molecule encoding NAC and
CC inhibits the expression of NAC. The compound specifically hybridizes with
CC at least an 8-nucleobase portion of an active site on a nucleic acid
CC molecule encoding NAC. Also described: (1) a composition comprising (I)
CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (1); and (3) treating an animal having a disease or condition associated

CC with NAC comprising administering (I) to the animal so that expression of
CC NAC is inhibited. (I) has cytostatic, neurotropic, neuroprotective and
CC antiinflammatory activities, and can be used in antisense therapy. The
CC antisense compounds (I) are useful for modulating the expression of NAC,
CC and for treating a disease or condition associated with expression of
CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC or disorder arising from aberrant apoptosis. The compounds are also
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumour formation. NAC is also known as a death effector filament-forming
CC CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
CC 17p13. The present sequence represents a human NAC chimeric
CC phosphorothioate antisense oligonucleotide, which is given in the
CC exemplification of the present invention
XX
SQ Sequence 20 BP; 6 A; 3 C; 6 G; 5 T; 0 U; 0 Other;
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Dy 4908 TTGCTTCCAGCCTAACT 4927
20 TTGCTTCCAGCCTAACT 1
RESULT 64
ACC45164/c
ID ACC45164 standard; DNA; 20 BP.
AC 45164;
AC 45164;
DT 16-JUN-2003 (first entry)
XX
XX Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:24.
DE
XX Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
KM antitumor therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
KM death effector filament-forming CED4-like apoptosis protein;
KM neurological disease; infection; inflammation; tumour formation;
KM phosphorothioate; ss.
XX Homo sapiens.
OS Synthetic.
FH Key Location/Qualifiers
FT modified_base 1..20
FT /*tag= a
FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"
FT modified_base 1..5
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FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base 16..20
FT /*tag= c
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FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
PN WO2003024988-A1.
PD 27-MAR-2003.
PF 19-SEP-2002; 2002WO-US029664.
XX 19-SEP-2001; 2001US-00956712.
XX (ISIS-) ISIS PHARM INC.
PA Bennett CF, Freiler SM;
PI WPI; 2003-354583/33.
DR

[illegible]

XX		WO2003024368-A1.
XN		
PN	27-MAR-2003.	
PD		
XX	19-SEP-2002; 2002WO-US029664.	
PF		
XX	19-SEP-2001; 2001US-00956712.	
PR		
XX	(ISIS-) ISIS PHARM INC.	
PA	Bennett CF, Freter SM;	
PI	WPI, 2003-354583/33.	
DR		
XX		
PT	New antisense compounds, useful for modulating the expression of NAC or	
PT	for treating a disease or condition associated with the expression of	
PT	NAC, e.g. hyperproliferative disease or neurological disease.	
XX		
PS	Claim 3; Page 75; 147pp; English.	
XX		
CC	The present invention describes a compound (I) 8-50 nucleobases in length	
CC	targeted to a nucleic acid molecule encoding NAC, where the compound	
CC	specifically hybridises with the nucleic acid molecule encoding NAC and	
CC	inhibits the expression of NAC. The compound specifically hybridises with	
CC	at least an 8-nucleobase portion of an active site on a nucleic acid	
CC	molecule encoding NAC. Also described: (1) a composition comprising (1)	
CC	a pharmaceutical carrier or diluent; (2) inhibiting the expression of	
CC	NAC in cells or tissues comprising contacting the cells or tissues with	
CC	(1); and (3) treating an animal having a disease or condition associated	
CC	with NAC comprising administering (1) to the animal so that expression of	
CC	NAC is inhibited. (1) has cytostatic, neurotropic, antineoplastic and	
CC	antiinflammatory activities, and can be used in antisense therapy. The	
CC	antisense compounds (1) are useful for modulating the expression of NAC,	
CC	and for treating a disease or condition associated with expression of	
CC	NAC, e.g. hyperproliferative disease, neurological disease, or a disease	
CC	or disorder arising from aberrant apoptosis. The compounds are also	
CC	useful as research reagents and kits, or for diagnostics, therapeutics	
CC	and prophylaxis, e.g. to prevent or delay infection, inflammation or	
CC	tumour formation. NAC is also known as a death effector filament-forming	
CC	CED-1-like apoptosis protein (DEPCAP). NAC is located on human chromosome	
CC	17p13. The present sequence represents a human NAC chimeric	
CC	phosphorothioate antisense oligonucleotide, which is given in the	
CC	embodiment of the present invention	
XX		
SQ	Sequence 20 BP; 6 A; 4 C; 8 G; 2 T; 0 U; 0 Other;	
	Query Match 0.4%; Score 20; DB 1; Length 20;	
	Best Local Similarity 100.0%; Pred. No. 1.9e+02;	
	Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
OY	3701 CTTCCTCGCCTCTCAAGG 3720	
DB	20 CTTCCTCGCCTCTCAAGG 1	
RESULT 66		
ACC45193/C		
ID	ACC45193 standard; DNA; 20 BP.	
XX		
AC	ACC45193;	
DT	16-JUN-2003 (first entry)	
XX		
DE	Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:53.	
XX		
KM	Human; cytosolic; neurotrophic; neuroprotective; antiinflammatory;	
KM	antisense therapy; NAC; DEPCAP; hyperproliferative disease; apoptosis;	
KM	death effector filament-forming CED-1-like apoptosis protein;	
KM	neurological diseases; infection; inflammation; tumour formation;	
KM	phosphorothioate; ss.	
OS	Homo sapiens.	

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OS Synthetic.
XX Key Location/Qualifiers
XX modified_base 1..20
FT /+tag= a
FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"
FT modified_base 1..5
FT /+tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base 16..20
FT /+tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX
XX WO2003024988-A1.
XX
XX 27-MAR-2003.
XX
XX 19-SEP-2002; 2002WO-US029664.
XX
XX 19-SEP-2001; 2001US-00956712.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CF, Freier SM;
XX
XX WPI; 2003-354583/33.
XX
XX New antisense compounds, useful for modulating the expression of NAC or
PT for treating a disease or condition associated with the expression of
PT NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Claim 3; Page 76; 147pp; English.
XX
XX The present invention describes a compound (I) 8-50 nucleobases in length
CC targeted to a nucleic acid molecule encoding NAC, where the compound
CC specifically hybridises with the nucleic acid molecule encoding NAC and
CC inhibits the expression of NAC. The compound specifically hybridises with
CC at least an 8-nucleobase portion of an active site on a nucleic acid
CC molecule encoding NAC. Also described: (1) a composition comprising (I)
CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (1); and (3) treating an animal having a disease or condition associated
CC with NAC comprising administering (I) to the animal so that expression of
CC NAC is inhibited. (I) has cytosstatic, neurotropic, neuroprotective and
CC antiinflammatory activities, and can be used in antisense therapy. The
CC antisense compounds (I) are useful for modulating the expression of NAC,
CC and for treating a disease or condition associated with expression of
CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumour formation. NAC is also known as a death effector filament-forming
CC CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
CC 17p13. The present sequence represents a human NAC chimERIC
CC phosphorothioate antisense oligonucleotide, which is given in the
CC exemplification of the present invention
XX
XX Sequence 20 BP; 5 A; 5 C; 5 G; 5 T; 0 U; 0 Other;
SQ
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
OY 4307 AACGAGAGCTCTGCTATCGA 4326
DB 20 AACTGAGCTCTGCTATCGA 1
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ID ACC45195 standard; DNA; 20 BP.
XX
XX ACC45195;
AC
XX 16-UTN-2003 (first entry)
XX
XX Human NAC chimERIC phosphorothioate oligonucleotide SEQ ID NO:55.
DE
XX Human: cytosstatic; neurotropic; neuroprotective; antiinflammatory;
XX antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
XX death effector filament-forming CED4-like apoptosis protein;
XX neurological disease; infection; inflammation; tumour formation;
XX phosphorothioate; ss.
XX
XX Homo sapiens.
OS
OS Synthetic.
XX
XX Key Location/Qualifiers
XX modified_base 1..20
FT /+tag= a
FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"
FT modified_base 1..5
FT /+tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base 16..20
FT /+tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX
XX WO2003024988-A1.
XX
XX 27-MAR-2003.
XX
XX 19-SEP-2002; 2002WO-US029664.
XX
XX 19-SEP-2001; 2001US-00956712.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CF, Freier SM;
XX
XX WPI; 2003-354583/33.
XX
XX New antisense compounds, useful for modulating the expression of NAC or
PT for treating a disease or condition associated with the expression of
PT NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Claim 3; Page 76; 147pp; English.
XX
XX The present invention describes a compound (I) 8-50 nucleobases in length
CC targeted to a nucleic acid molecule encoding NAC, where the compound
CC specifically hybridises with the nucleic acid molecule encoding NAC and
CC inhibits the expression of NAC. The compound specifically hybridises with
CC at least an 8-nucleobase portion of an active site on a nucleic acid
CC molecule encoding NAC. Also described: (1) a composition comprising (I)
CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (1); and (3) treating an animal having a disease or condition associated
CC with NAC comprising administering (I) to the animal so that expression of
CC NAC is inhibited. (I) has cytosstatic, neurotropic, neuroprotective and
CC antiinflammatory activities, and can be used in antisense therapy. The
CC antisense compounds (I) are useful for modulating the expression of NAC,
CC and for treating a disease or condition associated with expression of
CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumour formation. NAC is also known as a death effector filament-forming
CC CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
CC 17p13. The present sequence represents a human NAC chimERIC
CC phosphorothioate antisense oligonucleotide, which is given in the
```

CC exemplification of the present invention
XX Sequence 20 BP; 3 A; 7 C; 4 G; 6 T; 0 U; 0 Other;
SQ Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4432 GCCTTGATGAACGAGAGA 4451
DB 20 GCCTTGATGAACGAGAGA 1
RESULT 68
ACCA5197/c
ID ACCA5197 standard; DNA; 20 BP.
AC ACCA5197;
XX
XX 16-JUN-2003 (first entry)
XX
XX Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:57.
XX
XX Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
XX antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
XX death effector filament-forming CED4-like apoptosis protein;
XX neurological disease; infection; inflammation; tumour formation;
XX phosphorothioate; ss.
XX Homo sapiens.
XX Synthetic.
XX
XX Key Location/Qualifiers
FH modified_base 1..20
FT /*tag= a
FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"
FT modified_base 1..5
FT /*tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base 16..20
FT /*tag= c
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FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX
XX MO2003024988-A1.
XX
XX 27-MAR-2003.
XX
XX 19-SEP-2002; 2002WO-US029664.
XX
XX 19-SEP-2001; 2001US-00956712.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CF, Freier SM;
XX
XX WPI, 2003-354583/33.
XX
XX New antisense compounds, useful for modulating the expression of NAC or
XX for treating a disease or condition associated with the expression of
XX NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Example 15; Page 76; 147pp; English.
XX
XX The present invention describes a compound (1) 8-50 nucleobases in length
XX targeted to a nucleic acid molecule encoding NAC, where the compound
XX specifically hybridises with the nucleic acid molecule encoding NAC and
XX inhibits the expression of NAC. The compound specifically hybridises with
XX at least an 8-nucleobase portion of an active site on a nucleic acid
XX molecule encoding NAC. Also described: (1) a composition comprising (1)
XX and a pharmaceutical carrier or diluent; (2) inhibiting the expression of

CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (1); and (3) treating an animal having a disease or condition associated
CC with NAC comprising administering (1) to the animal so that expression of
CC NAC is inhibited. (1) has cytostatic, neurotropic, neuroprotective and
CC antiinflammatory activities, and can be used in antisense therapy. The
CC antisense compounds (1) are useful for modulating the expression of NAC,
CC and for treating a disease or condition associated with expression of
CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC or disorder arising from aberrant apoptosis. The compounds are also
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumour formation. NAC is also known as a death effector filament-forming
CC CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
CC 17p13. The present sequence represents a human NAC chimeric
CC phosphorothioate antisense oligonucleotide, which is given in the
CC exemplification of the present invention
XX
XX Sequence 20 BP; 4 A; 4 C; 9 G; 3 T; 0 U; 0 Other;
XX
SQ Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4483 GCCCGCATGCCGTACCTTC 4502
DB 20 GCCCGCATGCCGTACCTTC 1
RESULT 69
ACCA5207/c
ID ACCA5207 standard; DNA; 20 BP.
AC ACCA5207;
XX
XX 16-JUN-2003 (first entry)
XX
XX Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:67.
XX
XX Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
XX antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
XX death effector filament-forming CED4-like apoptosis protein;
XX neurological disease; infection; inflammation; tumour formation;
XX phosphorothioate; ss.
XX Homo sapiens.
XX Synthetic.
XX
XX Key Location/Qualifiers
FH modified_base 1..20
FT /*tag= a
FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"
FT modified_base 1..5
FT /*tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base 16..20
FT /*tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX
XX MO2003024988-A1.
XX
XX 27-MAR-2003.
XX
XX 19-SEP-2002; 2002WO-US029664.
XX
XX 19-SEP-2001; 2001US-00956712.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CF, Freier SM;
XX

DR	WPI, 2003-354583/33.
XX	
XX	New antisense compounds, useful for modulating the expression of NAC or
PT	for treating a disease or condition associated with the expression of
PT	NAC, e.g. hyperproliferative disease or neurological disease.
XX	
P8	Claim 3; Page 76; 147pp; English.
XX	
CC	The present invention describes a compound (I) 8-50 nucleobases in length
CC	targeted to a nucleic acid molecule encoding NAC, where the compound
CC	specifically hybridises with the nucleic acid molecule encoding NAC and
CC	inhibits the expression of NAC. The compound specifically hybridises with
CC	at least an 8-nucleobase portion of an active site on a nucleic acid
CC	molecule encoding NAC. Also described: (1) a composition comprising (1)
CC	and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC	NAC in cells or tissues comprising contacting the cells or tissues with
CC	(1); and (3) treating an animal having a disease or condition associated
CC	with NAC comprising administering (1) to the animal so that expression of
CC	NAC is inhibited. (1) has cytostatic, neurotropic, neuroprotective and
CC	anti-inflammatory activities, and can be used in antisense therapy. The
CC	antisense compounds (1) are useful for modulating the expression of NAC,
CC	and for treating a disease or condition associated with expression of NAC,
CC	NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC	or disorder arising from aberrant apoptosis. The compounds are also
CC	useful as research reagents and kits, or for diagnostics, therapeutics
CC	and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC	tumour formation. NAC is also known as a death effector filament-forming
CC	CED4-like apoptosis protein (BDFCAP). NAC is located on human chromosome
CC	17p13. The present sequence represents a human NAC chimeric
CC	phosphorothioate antisense oligonucleotide, which is given in the
CC	embodimentation of the present invention
XX	
SQ	Sequence 20 BP; 4 A; 7 C; 4 G; 5 T; 0 U; 0 Other;
XX	
Query Match	0.4%; Score 20; DB 1; Length 20;
Best local Similarity	100.0%; Pred. No. 1.9e+02;
Matches	20; Conservative 0; Mismatches 0; Indels 0; Gaps 0
OY	5020 AGGGAATGCCATCTGGAGC 5039 20 AGGGAATGCCATCTGGAGC 1
D8	
RESULT 70	
ID	ACC45196/C
AC	ACC45196 standard; DNA; 20 BP.
XX	
AC	ACC45196;
XX	
DT	16-JUN-2003 (first entry)
XX	
DE	Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:56.
XX	
KM	Human, cytostatic; neurotropic; neuroprotective; antiinflammatory; antisense therapy; NAC; BDFCAP; hyperproliferative disease; apoptosis; death effector filament-forming CED4-like apoptosis protein; neurological disease; infection; inflammation; tumour formation; phosphorothioate; ss.
XX	
OS	Homo sapiens.
OS	Synthetic.
XX	
FH	Key
FT	modified_base
FT	Location/Qualifiers
FT	1..20
FT	/tag= a
FT	/mod_base= OTHER
FT	/note= "phosphorothioate backbone"
FT	1..5
FT	/tag= b
FT	/mod_base= OTHER
FT	/note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT	16..20
FT	/tag= c

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FT      /mod base= OTHER
FT      /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FN      WO2003024988-A1.
PD      27-MAR-2003.
XX      19-SEP-2002; 2002WO-US029664.
XX      19-SEP-2001; 2001US-00956712.
XX      19-SEP-2001; 2001US-00956712.
XX      (ISIS-) ISIS PHARM INC.
XX      Bennett CF, Preter SM;
XX      WPI; 2003-354583/33.
XX      New antisense compounds, useful for modulating the expression of NAC or
XX      PT for treating a disease or condition associated with the expression of
XX      PT NAC, e.g. hyperproliferative disease or neurological disease.
XX      Example 15; Page 76; 147pp; English.
XX      The present invention describes a compound (I) 8-50 nucleobases in length
XX      CC targeted to a nucleic acid molecule encoding NAC, where the compound
XX      CC specifically hybridises with the nucleic acid molecule encoding NAC and
XX      CC inhibits the expression of NAC. The compound specifically hybridises with
XX      CC at least an 8-nucleobase portion of an active site on a nucleic acid
XX      CC molecule encoding NAC. Also described: (1) a composition comprising (1)
XX      CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
XX      CC NAC in cells or tissues comprising contacting the cells or tissues with
XX      CC (1); and (3) treating an animal having a disease or condition associated
XX      CC with NAC comprising administering (1) to the animal so that expression of
XX      CC NAC is inhibited. (1) has cytosolic, neurotropic, neuroprotective and
XX      CC antiinflammatory activities, and can be used in antisense therapy. The
XX      CC antisense compounds (I) are useful for modulating the expression of NAC,
XX      CC and for treating a disease or condition associated with expression of
XX      CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
XX      CC or disorder arising from aberrant apoptosis. The compounds are also
XX      CC useful as research reagents and kits, or for diagnostics, therapeutics
XX      CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
XX      CC tumour formation. NAC is also known as a death effector filament-forming
XX      CC CED4-like apoptosis protein (DECAP). NAC is located on human chromosome
XX      CC 17p13. The present sequence represents a human NAC chimeric
XX      CC phosphorothioate antisense oligonucleotide, which is given in the
XX      CC exemplification of the present invention
XX      Sequence 20 BP; 4 A; 5 C; 4 G; 7 T; 0 U; 0 Other;
SQ      Query Match          0.44; Score 20; DB 1; Length 20;
SQ      Best Local Similarity 100.0%; Pred. No. 1.9e+02;
SQ      Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
CY      4438 GTGAACCGAGGATCTCAT 4457
CY      |||||
DB      20 GTGAACCGAGGATCTCAT 1
RESULT 71
KW      ACC45203/c
ID      ACC45203 standard; DNA; 20 BP.
XX      ACC45203;
XX      16-JUN-2003 (first entry)
XX      Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:63.
XX      Human; cytosolic; neurotropic; neuroprotective; antiinflammatory;
XX      KW antisense therapy; NAC; DECAP; hyperproliferative disease; apoptosis;
XX      KW death effector filament-forming CED4-like apoptosis protein;
XX      KW neurological disease; infection; inflammation; tumour formation;
XX      KW phosphorothioate; 66.

```

```

XX Homo sapiens.
OS Synthetic.
XX
FH Key Location/Qualifiers
FT modified_base 1..20
FT /tag= a
FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"
FT modified_base 1..5
FT /tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base 16..20
FT /tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX
XX WO2003024988-A1.
XX
XX 27-MAR-2003.
XX
XX 19-SEP-2002; 2002WO-US029664.
XX
XX 19-SEP-2001; 2001US-00956712.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CF, Freier SM;
XX
XX WPI; 2003-354583/33.
XX
XX New antisense compounds, useful for modulating the expression of NAC or
XX for treating a disease or condition associated with the expression of
XX NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Example 15; Page 76; 147pp; English.
XX
XX The present invention describes a compound (I) 8-50 nucleobases in length
XX targeted to a nucleic acid molecule encoding NAC, where the compound
XX specifically hybridizes with the nucleic acid molecule encoding NAC and
XX inhibits the expression of NAC. The compound specifically hybridizes with
XX at least an 8-nucleobase portion of an active site on a nucleic acid
XX molecule encoding NAC. Also described: (1) a composition comprising (I)
XX and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
XX NAC in cells or tissues comprising contacting the cells or tissues with
XX (I); and (3) treating an animal having a disease or condition associated
XX with NAC comprising administering (I) to the animal so that expression of
XX NAC is inhibited. (I) has cytostatic, neurotropic, neuroprotective and
XX antiinflammatory activities, and can be used in antisense therapy. The
XX antisense compounds (I) are useful for modulating the expression of NAC,
XX and for treating a disease or condition associated with expression of
XX NAC, e.g. hyperproliferative disease, neurological disease, or a disease
XX or disorder arising from aberrant apoptosis. The compounds are also
XX useful as research reagents and kits, or for diagnostics, therapeutics
XX and prophylaxis, e.g. to prevent or delay infection, inflammation or
XX tumour formation. NAC is also known as a death effector filament-forming
XX CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
XX 17p13. The present sequence represents a human NAC chimeric
XX phosphorothioate antisense oligonucleotide, which is given in the
XX exemplification of the present invention
XX
XX Sequence 20 BP; 4 A; 4 C; 5 G; 7 T; 0 U; 0 Other;
XX
XX Query Match 0.4%; Score 20; DB 1; Length 20;
XX Best Local Similarity 100.0%; Pred. No. 1.9e+02;
XX Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX 4801 CTCAGCAGCTGAAGTATCAA 4820
XX |||||||||||||||||||
XX 20 CTCAGCAGCTGAAGTATCAA 1

```

```

RESULT 72
ACCA45168/c
ID ACC45168 standard; DNA; 20 BP.
XX
XX ACC45168;
XX
XX 16-JUN-2003 (first entry)
XX
XX Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:28.
XX
XX Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
XX antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
XX death effector filament-forming CED4-like apoptosis protein;
XX neurological disease; infection; inflammation; tumour formation;
XX phosphorothioate; ss.
XX
XX Homo sapiens.
XX Synthetic.
XX
XX Key Location/Qualifiers
XX modified_base 1..20
XX /tag= a
XX /mod_base= OTHER
XX /note= "phosphorothioate backbone"
XX modified_base 1..5
XX /tag= b
XX /mod_base= OTHER
XX /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX modified_base 16..20
XX /tag= c
XX /mod_base= OTHER
XX /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX
XX WO2003024988-A1.
XX
XX 27-MAR-2003.
XX
XX 19-SEP-2002; 2002WO-US029664.
XX
XX 19-SEP-2001; 2001US-00956712.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CF, Freier SM;
XX
XX WPI; 2003-354583/33.
XX
XX New antisense compounds, useful for modulating the expression of NAC or
XX for treating a disease or condition associated with the expression of
XX NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Claim 3; Page 75; 147pp; English.
XX
XX The present invention describes a compound (I) 8-50 nucleobases in length
XX targeted to a nucleic acid molecule encoding NAC, where the compound
XX specifically hybridizes with the nucleic acid molecule encoding NAC and
XX inhibits the expression of NAC. The compound specifically hybridizes with
XX at least an 8-nucleobase portion of an active site on a nucleic acid
XX molecule encoding NAC. Also described: (1) a composition comprising (I)
XX and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
XX NAC in cells or tissues comprising contacting the cells or tissues with
XX (I); and (3) treating an animal having a disease or condition associated
XX with NAC comprising administering (I) to the animal so that expression of
XX NAC is inhibited. (I) has cytostatic, neurotropic, neuroprotective and
XX antiinflammatory activities, and can be used in antisense therapy. The
XX antisense compounds (I) are useful for modulating the expression of NAC,
XX and for treating a disease or condition associated with expression of
XX NAC, e.g. hyperproliferative disease, neurological disease, or a disease
XX or disorder arising from aberrant apoptosis. The compounds are also
XX useful as research reagents and kits, or for diagnostics, therapeutics
XX and prophylaxis, e.g. to prevent or delay infection, inflammation or
XX tumour formation. NAC is also known as a death effector filament-forming
XX CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome

```

CC 17p13. The present sequence represents a human NAC chimeric
CC phosphorothioate antisense oligonucleotide, which is given in the
CC exemplification of the present invention
XX
SQ Sequence 20 BP; 8 A; 3 C; 6 G; 3 T; 0 U; 0 Other;
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1610 ATGCTCTTACTTACAGCTGC 1629
DB 20 ATGCTCTTACTTACAGCTGC 1
RESULT 73
ACC45176/c
ID ACC45176 standard; DNA; 20 BP.
XX
AC ACC45176;
XX
DT 16-JUN-2003 (first entry)
XX
DE Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:36.
XX
KW Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
KW antisense therapy; NAC; DERCAP; hyperproliferative disease; apoptosis;
KW death effector filament-forming CED4-like apoptosis protein;
KW neurological disease; infection; inflammation; tumour formation;
KW phosphorothioate; ss.
XX
OS Homo sapiens.
OS Synthetic.
XX
FH Key Location/Qualifiers
FT modified_base 1..20
FT /tag= a
FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"
FT modified_base 1..5
FT /tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base 16..20
FT /tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
PN WO2003024988-A1.
XX
PD 27-MAR-2003.
XX
PF 19-SEP-2002; 2002WO-US029664.
XX
PR 19-SEP-2001; 2001US-00956712.
XX
PA (ISIS-) ISIS PHARM INC.
XX
PI Bennett CF, Freiler SM;
XX
WI 2003-354583/33.
XX
DR New antisense compounds, useful for modulating the expression of NAC or
XX for treating a disease or condition associated with the expression of
XX NAC, e.g. hyperproliferative disease or neurological disease.
XX
PS Claim 3; Page 75; 147pp; English.
XX
CC The present invention describes a compound (1) 8-50 nucleobases in length
CC targeted to a nucleic acid molecule encoding NAC, where the compound
CC specifically hybridises with the nucleic acid molecule encoding NAC and
CC inhibits the expression of NAC. The compound specifically hybridises with
CC at least an 8-nucleobase portion of an active site on a nucleic acid

CC molecule encoding NAC. Also described: (1) a composition comprising (1)
CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (1); and (3) treating an animal having a disease or condition associated
CC with NAC comprising administering (1) to the animal so that expression of
CC NAC is inhibited. (1) has cytostatic, neurotropic, neuroprotective and
CC antiinflammatory activities, and can be used in antisense therapy. The
CC antisense compounds (1) are useful for modulating the expression of NAC,
CC and for treating a disease or condition associated with expression of
CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC or disorder arising from aberrant apoptosis. The compounds are also
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumour formation. NAC is also known as a death effector filament-forming
CC CED4-like apoptosis protein (DERCAP). NAC is located on human chromosome
CC 17p13. The present sequence represents a human NAC chimeric
CC phosphorothioate antisense oligonucleotide, which is given in the
CC exemplification of the present invention
XX
SQ Sequence 20 BP; 6 A; 5 C; 3 G; 6 T; 0 U; 0 Other;
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2996 TGAAGGCTTTGTAGACC 3015
DB 20 TGAAGGCTTTGTAGACC 1
RESULT 74
ACC45180/c
ID ACC45180 standard; DNA; 20 BP.
XX
AC ACC45180;
XX
DT 16-JUN-2003 (first entry)
XX
DE Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:40.
XX
KW Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
KW antisense therapy; NAC; DERCAP; hyperproliferative disease; apoptosis;
KW death effector filament-forming CED4-like apoptosis protein;
KW neurological disease; infection; inflammation; tumour formation;
KW phosphorothioate; ss.
XX
OS Homo sapiens.
OS Synthetic.
XX
FH Key Location/Qualifiers
FT modified_base 1..20
FT /tag= a
FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"
FT modified_base 1..5
FT /tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base 16..20
FT /tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
PN WO2003024988-A1.
XX
PD 27-MAR-2003.
XX
PF 19-SEP-2002; 2002WO-US029664.
XX
PR 19-SEP-2001; 2001US-00956712.
XX
PA (ISIS-) ISIS PHARM INC.
XX

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PI Bennett CF, Freier SM;
XX WPI; 2003-354583/33.
XX
XX New antisense compounds, useful for modulating the expression of NAC or
PT for treating a disease or condition associated with the expression of
PT NAC, e.g. hyperproliferative disease or neurological disease.
XX
XX Claim 3; Page 75; 147bp; English.
XX
CC The present invention describes a compound (I) 8-50 nucleobases in length
CC targeted to a nucleic acid molecule encoding NAC, where the compound
CC specifically hybridises with the nucleic acid molecule encoding NAC and
CC inhibits the expression of NAC. The compound specifically hybridises with
CC at least an 8-nucleobase portion of an active site on a nucleic acid
CC molecule encoding NAC. Also described: (1) a composition comprising (I)
CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC NAC in cells or tissues comprising contacting the cells or tissues with
CC (1); and (3) treating an animal having a disease or condition associated
CC with NAC comprising administering (I) to the animal so that expression of
CC NAC is inhibited. (I) has cytosstatic, neurotropic, neuroprotective and
CC antiinflammatory activities, and can be used in antisense therapy. The
CC antisense compounds (I) are useful for modulating the expression of NAC,
CC and for treating a disease or condition associated with expression of
CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC or disorder arising from aberrant apoptosis. The compounds are also
CC useful as research reagents and kits, or for diagnostics, therapeutics
CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumour formation. NAC is also known as a death effector filament-forming
CC CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
CC 17p13. The present sequence represents a human NAC chimeric
CC phosphorothioate antisense oligonucleotide, which is given in the
CC exemplification of the present invention
XX
SQ Sequence 20 BP; 3 A; 9 C; 1 G; 7 T; 0 U; 0 Other;
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 3412 AGTGATGAGTGGCAGGA 3431
Db 20 AGTGATGAGTGGCAGGA 1
RESULT 75
ACCA5190/c
ID ACCA5190 standard; DNA; 20 BP.
XX
AC ACCA5190;
XX
AC 16-JUN-2003 (first entry)
XX
DE Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:50.
XX
XX Human; cytosstatic; neurotropic; neuroprotective; antiinflammatory;
XX antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
XX death effector filament-forming CED4-like apoptosis protein;
XX neurological disease; infection; inflammation; tumour formation;
XX phosphorothioate; 88.
XX
XX Homo sapiens.
OS Synthetic.
OS
XX
FH Key Location/Qualifiers
FT modified_base 1..20
FT /tag= a
FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"
FT modified_base 1..5
FT /tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"

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FT modified_base 16..20
FT /tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
XX
XX MO2003024988-A1.
XX
XX 27-MAR-2003.
XX
XX 19-SEP-2002; 2002WO-US029664.
XX
XX 19-SEP-2001; 2001US-00956712.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CF, Freier SM;
XX WPI; 2003-354583/33.
XX
XX The present invention describes a compound (I) 8-50 nucleobases in length
XX targeted to a nucleic acid molecule encoding NAC, where the compound
XX specifically hybridises with the nucleic acid molecule encoding NAC and
XX inhibits the expression of NAC. The compound specifically hybridises with
XX at least an 8-nucleobase portion of an active site on a nucleic acid
XX molecule encoding NAC. Also described: (1) a composition comprising (I)
XX and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
XX NAC in cells or tissues comprising contacting the cells or tissues with
XX (1); and (3) treating an animal having a disease or condition associated
XX with NAC comprising administering (I) to the animal so that expression of
XX NAC is inhibited. (I) has cytosstatic, neurotropic, neuroprotective and
XX antiinflammatory activities, and can be used in antisense therapy. The
XX antisense compounds (I) are useful for modulating the expression of NAC,
XX and for treating a disease or condition associated with expression of
XX NAC, e.g. hyperproliferative disease, neurological disease, or a disease
XX or disorder arising from aberrant apoptosis. The compounds are also
XX useful as research reagents and kits, or for diagnostics, therapeutics
XX and prophylaxis, e.g. to prevent or delay infection, inflammation or
XX tumour formation. NAC is also known as a death effector filament-forming
XX CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
XX 17p13. The present sequence represents a human NAC chimeric
XX phosphorothioate antisense oligonucleotide, which is given in the
XX exemplification of the present invention
XX
SQ Sequence 20 BP; 3 A; 6 C; 7 G; 4 T; 0 U; 0 Other;
Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 4097 TCGTCTGGAGAGCCAGCC 4116
Db 20 TCGTCTGGAGAGCCAGCC 1
RESULT 76
ACCA5191/c
ID ACCA5191 standard; DNA; 20 BP.
XX
AC ACCA5191;
XX
AC 16-JUN-2003 (first entry)
XX
DE Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:51.
XX
XX Human; cytosstatic; neurotropic; neuroprotective; antiinflammatory;
XX antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
XX death effector filament-forming CED4-like apoptosis protein;

```


neurological disease; infection; inflammation; tumour formation;
phosphorochloate, 88.
Homo sapiens.
Synthetic.

Key	Location/Qualifiers
modified_base	1..20
FT	/*tag= a
FT	/mod_base= OTHER
FT	/note= "phosphorochloate backbone"
FT	1..5
FT	/*tag= b
FT	/mod_base= OTHER
FT	/note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT	16..20
FT	/*tag= c
FT	/mod_base= OTHER
FT	/note= "2'-O-methoxyethyl (2'-MOE) gapmer"
PN	WO2003024988-A1.
PD	27-MAR-2003.
PR	19-SEP-2002; 2002WO-US029664.
PR	19-SEP-2001; 2001US-00956712.
PA	(ISIS-) ISIS PHARM INC.
PI	Bennett CF, Freter SM;
PI	WPI; 2003-354583/33.
PT	New antisense compounds, useful for modulating the expression of NAC or for treating a disease or condition associated with the expression of NAC, e.g. hyperproliferative disease or neurological disease.
PT	Claim 3; Page 75; 147pp; English.
PS	The present invention describes a compound (I) 8-50 nucleobases in length targeted to a nucleic acid molecule encoding NAC, where the compound specifically hybridises with the nucleic acid molecule encoding NAC and inhibits the expression of NAC. The compound specifically hybridises with at least an 8-nucleobase portion of an active site on a nucleic acid molecule encoding NAC. Also described: (1) a composition comprising (i) a pharmaceutical carrier or diluent; (2) inhibiting the expression of NAC in cells or tissues comprising contacting the cells or tissues with (1); and (3) treating an animal having a disease or condition associated with NAC comprising administering (1) to the animal so that expression of NAC is inhibited. (1) has cytostatic, neurotropic, neuroprotective and antiinflammatory activities, and can be used in antisense therapy. The antisense compounds (1) are useful for modulating the expression of NAC, and for treating a disease or condition associated with expression of NAC. e.g. hyperproliferative disease, neurological disease, or a disease or disorder arising from aberrant apoptosis. The compounds are also useful as research reagents and kits, or for diagnostics, therapeutic and prophylaxis, e.g. to prevent or delay infection, inflammation or tumour formation. NAC is also known as a death effector filament-forming CED4-like apoptosis protein (BECAP). NAC is located on human chromosome 17p13. The present sequence represents a human NAC cDNA cDNA phosphorochloate antisense oligonucleotide, which is given in the exemplification of the present invention
SO	Sequence 20 BP; 7 A; 5 C; 6 G; 2 T; 0 U; 0 Other;

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

4223 TGGGTGCTTACCAACGCC 4242
|||||
20 TGGGTGCTTACCAACGCC 1

RESULT: 77.
ID ACC45200/c
AC ACC45200 standard; DNA; 20 BP.
XX
AC ACC45200;
XX
DT 16-JUN-2003 (first entry)
XX
DB Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:60.
XX
KW Human; cytostatic; neuroprotective; antiinflammatory;
KM antinease therapy; NAC; DEPCAP; hyperproliferative disease; apoptosis;
KM death effector filament-forming CBD4-like apoptosis protein;
KW neurological disease; infection; inflammation; tumour formation;
KM phosphorothioate; ss.
XX
OS Homo sapiens.
XX Synthetic.
FH Key Location/Qualifiers
FH modified_base ./*tag= a
FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"
FT modified_base 1..5
FT /*tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT modified_base 16..20
FT /*tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
PN WO2003024988-A1.
PD 27-MAR-2003.
XX
PF 19-SEP-2002; 2002WO-US029664.
XX
PR 19-SEP-2001; 2001US-00956712.
PA (ISIS-) ISIS PHARM INC.
PI Bennett CF, Freier SM;
DR WPI, 2003-354583/33.
XX
XX New antisense compound, useful for modulating the expression of NAC or
PT for treating a disease or condition associated with the expression of
PT NAC, e.g. hyperproliferative disease or neurological disease.
XX
PS Claim 3; Page 76; 147pp; English.

The present invention describes a compound (I) 8-50 nucleobases in length targeted to a nucleic acid molecule encoding NAC, where the compound specifically hybridises with the nucleic acid molecule encoding NAC and inhibits the expression of NAC. The compound specifically hybridises with at least an 8-nucleobase portion of an active site on a nucleic acid molecule encoding NAC. Also described: (1) a composition comprising (I) and a pharmaceutical carrier or diluent; (2) inhibiting the expression of NAC in cells or tissues comprising contacting the cells or tissues with (I); and (3) treating an animal having a disease or condition associated with NAC comprising administering (I) to the animal so that expression of NAC is inhibited. (1) has cytostatic, neurotropic, neuroprotective and antiinflammatory activities, and can be used in antisense therapy. The antisense compounds (I) are useful for modulating the expression of NAC, and for treating a disease or condition associated with expression of NAC, e.g. hyperproliferative disease, neurological disease, or a disease or disorder arising from aberrant apoptosis. The compounds are also useful as research reagents and kits, or for diagnostics, therapeutics and prophylaxis, e.g. to prevent or delay infection, inflammation or

CC	tumour formation. NAC is also known as a death effector filament-forming
CC	CED4-like apoptosis protein (BFCAP). NAC is located on human chromosome
CC	17p13. The present sequence represents a human NAC chimeric
CC	phosphorothioate antisense oligonucleotide, which is given in the
CC	exemplification of the present invention
XX	
SQ	Sequence 20 BP; 2 A; 7 C; 4 G; 7 T; 0 U; 0 Other;
Qy	Query Match 0.4%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 1.9e+02; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0
Db	4701 CCGGAGTGCMAAATGTGAC 4720 20 CCGGAGTGCMAAATGTGAC 1
RESULT 78	
ID	ACC45208/C
XX	ACC45208 standard; DNA; 20 BP.
XX	ACC45208;
DT	16-JUN-2003 (first entry)
DE	Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:68.
XX	
KW	Human; cytosolic; neurotrophic; neuroprotective; antiinflammatory;
KM	antisense therapy; NAC; DBCAP; hyperproliferative disease; apoptosis;
KM	death effector filament-forming CED4-like apoptosis protein;
KW	neurological diseases; infection; inflammation; tumour formation;
KW	phosphorothioate; ss.
XX	
OS	Homo sapiens.
OS	Synthetic.
FH	
FT	Key Location/Qualifiers
FT	modified_base 1..20
FT	/tag= a
FT	/mod_base= OTHER
FT	/note= "phosphorothioate backbone"
FT	modified_base 1..5
FT	/tag= b
FT	/mod_base= OTHER
FT	/note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT	modified_base 16..20
FT	/tag= c
FT	/mod_base= OTHER
FT	/note= "2'-O-methoxyethyl (2'-MOE) gapmer"
PN	WO2003024988-A1.
XX	
PD	27-MAR-2003.
XX	
PF	19-SEP-2002; 2002WO-US029664.
XX	
PR	19-SEP-2001; 2001US-00956712.
XX	
PA	(ISIS-) ISIS PHARM INC.
XX	
PI	Bennett CF, Freier SM;
XX	
DR	WPI; 2003-354583/33.
XX	
PT	New antisense compounds, useful for modulating the expression of NAC or
PT	for treating a disease or condition associated with the expression of
PT	NAC, e.g. hyperproliferative disease or neurological disease.
XX	
PS	Claim 3; Page 76; 147pp; English.
CC	The present invention describes a compound (I) 8-50 nucleobases in length
CC	targeted to a nucleic acid molecule encoding NAC, where the compound
CC	specifically hybridises with the nucleic acid molecule encoding NAC and

CC		inhibits the expression of NAC. The compound specifically hybridises with
CC		at least an 8-nucleobase portion of an active site on a nucleic acid
CC		molecule encoding NAC. Also described: (1) a composition comprising (1)
CC		and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
CC		NAC in cells or tissues comprising contacting the cells or tissues with
CC		(1); and (3) treating an animal having a disease or condition associated
CC		with NAC comprising administering (1) to the animal so that expression of
CC		NAC is inhibited. (1) has cytostatic, neurotropic, neuroprotective and
CC		antiinflammatory activities, and can be used in antisense therapy. The
CC		antisense compounds (1) are useful for modulating the expression of NAC,
CC		and for treating a disease or condition associated with expression of
CC		NAC, e.g. hyperproliferative disease, neurological disease, or a disease
CC		or disorder arising from aberrant apoptosis. The compounds are also
CC		useful as research reagents and kits, or for diagnostics, therapeutics
CC		and prophylaxis, e.g. to prevent or delay infection, inflammation or
CC		tumour formation. NAC is also known as a death effector filament-forming
CC		CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
CC		17p13. The present sequence represents a human NAC chimeric
CC		phosphorothioate antisense oligonucleotide, which is given in the
CC		exemplification of the present invention
XX		
SQ		Sequence 20 BP; 2 A; 7 C; 6 G; 5 T; 0 U; 0 Other;
	Query Match	0.4%; Score 20; DB 1; Length 20;
	Best Local Similarity	100.0%; Pred. No. 1.9e+02;
	Matches 20; Conservative	0; Mismatches 0; Indels 0; Gaps 0;
OY	5075	TGGTGGCCAGCAGCAACCAG 5094
Dd	20	TGCTGGCCACGACGCCAAG 1
RESULT 79		
	ACC45173/c	
ID	ACC45173 standard; DNA; 20 BP.	
XX		
AC	ACC45173;	
XX		
DT	16-JUN-2003 (first entry)	
XX		
DE	Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:33.	
KW	Human; cytotstatic; neurotropic; neuroprotective; antiinflammatory;	
KW	antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;	
KW	death effector filament-forming CED4-like apoptosis protein;	
KW	neurological disease; infection; inflammation; tumour formation;	
KW	phosphorothioate; ss.	
XX		
OS	Homo sapiens.	
OS	Synthetic.	
XX		
FH	Key	Location/Qualifiers
FT	modified_base	1..20
FT		/*tag= a
FT		/mod_base= OTHER
FT		/note= "phosphorothioate backbone"
FT	modified_base	1..5
FT		/*tag= b
FT		/mod_base= OTHER
FT		/note= "2'-O-methoxyethyl (2'-MOE) gapmer"
FT	modified_base	16..20
FT		/*tag= c
FT		/mod_base= OTHER
FT		/note= "2'-O-methoxyethyl (2'-MOB) gapmer"
XX		
PN	WO2003024988-A1.	
XX		
PD	27-MAR-2003.	
XX		
PP	19-SEP-2002; 2002WO-US029664.	
XX		
PR	19-SEP-2001; 2001US-00956712.	
XX		

PA (ISIS-) ISIS PHARM INC.
 XX Bennett CF, Freier SM,
 PI
 XX WPI, 2003-354583/33.
 DR
 XX
 PT New antisense compounds, useful for modulating the expression of NAC or
 PT for treating a disease or condition associated with the expression of
 PT NAC, e.g. hyperproliferative disease or neurological disease.
 XX
 PS Example 15; Page 75; 147pp; English.
 XX
 CC The present invention describes a compound (I) 8-50 nucleobases in length
 CC targeted to a nucleic acid molecule encoding NAC, where the compound
 CC specifically hybridises with the nucleic acid molecule encoding NAC and
 CC inhibits the expression of NAC. The compound specifically hybridises with
 CC at least an 8-nucleobase portion of an active site on a nucleic acid
 CC molecule encoding NAC. Also described: (1) a composition comprising (I)
 CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
 CC NAC in cells or tissues comprising contacting the cells or tissues with
 CC (I); and (3) treating an animal having a disease or condition associated
 CC with NAC comprising administering (I) to the animal so that expression of
 CC NAC is inhibited. (I) has cytostatic, neurotropic, neuroprotective and
 CC antiinflammatory activities, and can be used in antisense therapy. The
 CC antisense compounds (I) are useful for modulating the expression of NAC,
 CC and for treating a disease or condition associated with expression of
 CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
 CC or disorder arising from aberrant apoptosis. The compounds are also
 CC useful as research reagents and kits, or for diagnostics, therapeutics
 CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
 CC tumour formation. NAC is also known as a death effector filament-forming
 CC CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
 CC 17p13. The present sequence represents a human NAC chimeric
 CC phosphorothioate antisense oligonucleotide, which is given in the
 CC exemplification of the present invention
 XX
 SQ Sequence 20 BP; 7 A; 8 C; 3 G; 2 T; 0 U; 0 Other;
 Query Match 0.4%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 1.9e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 2870 TGGTAGCTGCTGCTGAGTGG 2889
 DB 20 TGGTAGCTGCTGCTGAGTGG 1
 RESULT 80
 ACC45178/c
 ID ACC45178 standard; DNA; 20 BP.
 XX
 AC ACC45178;
 XX
 DT 16-JUN-2003 (first entry)
 XX
 DE Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:38.
 XX
 KW Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;
 KW antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
 KW death effector filament-forming CED4-like apoptosis protein;
 KW neurological disease; infection; inflammation; tumour formation;
 KW phosphorothioate; 88.
 XX
 OS Homo sapiens.
 OS Synthetic.
 XX
 FH Key Location/Qualifiers
 FT modified_base 1..20
 FT /*tag= a
 FT /mod_base= OTHER
 FT /note= "phosphorothioate backbone"
 FT modified_base 1..5
 FT /*tag= b

PT /mod_base= OTHER
 FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
 FT modified_base 16..20
 FT /*tag= c
 FT /mod_base= OTHER
 FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"
 PT
 PN WO2003024988-A1.
 XX
 PD 27-MAR-2003.
 XX
 PF 19-SEP-2002; 2002WO-US029664.
 XX
 PR 19-SEP-2001; 2001US-00956712.
 XX
 PA (ISIS-) ISIS PHARM INC.
 XX Bennett CF, Freier SM,
 PT WPI, 2003-354583/33.
 DR
 XX
 PT New antisense compounds, useful for modulating the expression of NAC or
 PT for treating a disease or condition associated with the expression of
 PT NAC, e.g. hyperproliferative disease or neurological disease.
 XX
 PS Example 15; Page 75; 147pp; English.
 XX
 CC The present invention describes a compound (I) 8-50 nucleobases in length
 CC targeted to a nucleic acid molecule encoding NAC, where the compound
 CC specifically hybridises with the nucleic acid molecule encoding NAC and
 CC inhibits the expression of NAC. The compound specifically hybridises with
 CC at least an 8-nucleobase portion of an active site on a nucleic acid
 CC molecule encoding NAC. Also described: (1) a composition comprising (I)
 CC and a pharmaceutical carrier or diluent; (2) inhibiting the expression of
 CC NAC in cells or tissues comprising contacting the cells or tissues with
 CC (I); and (3) treating an animal having a disease or condition associated
 CC with NAC comprising administering (I) to the animal so that expression of
 CC NAC is inhibited. (I) has cytostatic, neurotropic, neuroprotective and
 CC antiinflammatory activities, and can be used in antisense therapy. The
 CC antisense compounds (I) are useful for modulating the expression of NAC,
 CC and for treating a disease or condition associated with expression of
 CC NAC, e.g. hyperproliferative disease, neurological disease, or a disease
 CC or disorder arising from aberrant apoptosis. The compounds are also
 CC useful as research reagents and kits, or for diagnostics, therapeutics
 CC and prophylaxis, e.g. to prevent or delay infection, inflammation or
 CC tumour formation. NAC is also known as a death effector filament-forming
 CC CED4-like apoptosis protein (DEFCAP). NAC is located on human chromosome
 CC 17p13. The present sequence represents a human NAC chimeric
 CC phosphorothioate antisense oligonucleotide, which is given in the
 CC exemplification of the present invention
 XX
 SQ Sequence 20 BP; 3 A; 7 C; 6 G; 4 T; 0 U; 0 Other;
 Query Match 0.4%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 1.9e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 3212 AGCGACTGCACTGCTGCAGC 3231
 DB 20 AGCGACTGCACTGCTGCAGC 1
 RESULT 81
 ACC45182/c
 ID ACC45182 standard; DNA; 20 BP.
 XX
 AC ACC45182;
 XX
 DT 16-JUN-2003 (first entry)
 XX
 DE Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:42.
 XX
 KW Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;

KW antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
KM death effector filament-forming CED4-like apoptosis protein;
KW neurological disease; infection; inflammation; tumour formation;
KM phosphorothioate; ss.

OS Homo sapiens.
XX Synthetic.

XX Key Location/Qualifiers
FH modified_base 1..20
FT /tag= a

FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"

FT modified_base 1..5
FT /tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"

FT modified_base 16..20
FT /tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"

FT Homo sapiens.
XX Synthetic.

XX Key Location/Qualifiers
FH modified_base 1..20
FT /tag= a

FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"

FT modified_base 1..5
FT /tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"

FT modified_base 16..20
FT /tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"

FT Homo sapiens.
XX Synthetic.

XX Key Location/Qualifiers
FH modified_base 1..20
FT /tag= a

FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"

FT modified_base 1..5
FT /tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"

FT modified_base 16..20
FT /tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"

FT Homo sapiens.
XX Synthetic.

XX Key Location/Qualifiers
FH modified_base 1..20
FT /tag= a

FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"

FT modified_base 1..5
FT /tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"

FT modified_base 16..20
FT /tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"

FT Homo sapiens.
XX Synthetic.

XX Key Location/Qualifiers
FH modified_base 1..20
FT /tag= a

FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"

FT modified_base 1..5
FT /tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"

FT modified_base 16..20
FT /tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"

DB 20 GCAGAACTGAGGCGCCTGG 1

RESULT 82
ACCA45209/c
ID ACCA45209 standard; DNA; 20 BP.

XX ACCA45209;
XX 16-JUN-2003 (first entry)

DE Human NAC chimeric phosphorothioate oligonucleotide SEQ ID NO:69.

XX Human; cytostatic; neurotropic; neuroprotective; antiinflammatory;

KW antisense therapy; NAC; DEFCAP; hyperproliferative disease; apoptosis;
KM death effector filament-forming CED4-like apoptosis protein;

KW neurological disease; infection; inflammation; tumour formation;
KM phosphorothioate; ss.

OS Homo sapiens.
XX Synthetic.

XX Key Location/Qualifiers
FH modified_base 1..20
FT /tag= a

FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"

FT modified_base 1..5
FT /tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"

FT modified_base 16..20
FT /tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"

FT Homo sapiens.
XX Synthetic.

XX Key Location/Qualifiers
FH modified_base 1..20
FT /tag= a

FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"

FT modified_base 1..5
FT /tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"

FT modified_base 16..20
FT /tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"

FT Homo sapiens.
XX Synthetic.

XX Key Location/Qualifiers
FH modified_base 1..20
FT /tag= a

FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"

FT modified_base 1..5
FT /tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"

FT modified_base 16..20
FT /tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"

FT Homo sapiens.
XX Synthetic.

XX Key Location/Qualifiers
FH modified_base 1..20
FT /tag= a

FT /mod_base= OTHER
FT /note= "phosphorothioate backbone"

FT modified_base 1..5
FT /tag= b
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"

FT modified_base 16..20
FT /tag= c
FT /mod_base= OTHER
FT /note= "2'-O-methoxyethyl (2'-MOE) gapmer"